Mesures océanographiques dans le panache de la Grand Rivière de la Baleine, hiver 1982

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Août 1984

Rapport statistique canadien sur l'hydrographie et les sciences océaniques No 19

84- 4598

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These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur
l'hydrographie et les sciences océaniques no 19

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par

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No de catalogue Fs 97-16/0000F ISSN 0711-673X

On devra référer comme suit à cette publication:

Larouche, P. 1984. Mesures océanographiques dans le panache de la Grande Rivière de la Baleine, hiver 1982. Rapp. stat. can. hydrogr. sci. océan. 19: 259 p.

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RÉSUMÉ

Ce rapport contient les profils de salinité et de température obtenus lors d'un projet du Centre Champlain des Sciences de la Mer dans le panache de la Grande Rivière de la Baleine en avril et mai 1982 alors qu'il existe un couvert de glace sur la baie d'Hudson.

ABSTRACT

This report contains salinity and temperature profiles obtained during a project of the Champlain Centre for Marine Science and Surveys in the freshwater plume of the Great Whale River during the ice-covered period of April and May 1982.

INTRODUCTION

Les données publiées dans ce rapport ont été recueillies dans le cadre d'un projet multidisciplinaire visant à étudier à la fois les aspects physiques et biologiques du panache de la Grande Rivière de la Baleine sous un couvert de glace. L'échantillonnage a été effectué sous diverses conditions de débit afin d'évaluer les impacts possibles de la réduction de débit prévue lors de l'aménagement hydro-électrique de cette rivière.

Deux études (Prinsenberg et Collins, 1979; Freeman et al., 1982) ont déjà été effectuées en période hivernale dans cette région. Toutefois, ces études ne comportaient que de mesures physiques. Il est donc apparu nécessaire d'échantillonner à nouveau le panache de la rivière afin d'obtenir à la fois les données biologiques et physiques le caractérisant.

Ce rapport contient sous forme de tableaux et de graphiques l'ensemble des données CTP recueillies lors des deux phases de l'échantillonnage physique. De plus, quelques figures préliminaires décrivant l'allure générale du panache sont présentées.

L'ACQUISITION DES DONNÉES

L'échantillonnage s'est déroulé en deux phases séparées afin d'essayer de mettre en évidence les différences du panache d'eau douce en fonction du débit de la rivière. Ces deux phases se sont déroulées du 7 au 16 avril et du 10 au 17 mai. Quelques mesures ont aussi été prises entre ces deux périodes.

La figure 1 montre la grille des stations échantillonnées. 62 stations ont été visitées lors de la première phase et 48 lors de la seconde.

Des mesures à l'aide de courantomètres, chaîne de thermistances et marégraphes ont aussi été effectuées à certaines stations (tableau 1) et ont déjà fait l'objet d'un rapport de données de l'Institut d'Océanographie de l'Université McGill (Ingram et Deguise, 1982).

Le Centre d'études nordiques de Poste-de-la-Baleine a servi de camp de base à la fois pour le matériel et le personnel.

Positionnement

L'échantillonnage s'est effectué à l'aide d'un hélicoptère Bell 206B Jet Ranger de la Garde côtière canadienne qui amenait le personnel et l'équipement sur les glaces. Le positionnement de l'appareil s'effectuait à l'aide d'un système Trisponder de la firme Marinav. Les distances aux stations terrestres situées sur des repères géodésiques étaient notées sur le terrain et converties en latitudes et longitudes lors du traitement des données le soir. La précision de ce système est d'environ trois mètres et la portée de près de 80 kilomètres en ligne droite.

Le système CTP

Le système CTP était composé d'une sonde CTP Guildline MK IV, d'une unité de contrôle Guildline, d'un enregistreur à cassette Sony et d'un treuil arctique. Les trous pour l'échantillonnage étaient faits à l'aide d'une perceuse à glace à essence qui servait aussi de moteur pour le treuil. L'unité de contrôle, l'enregistreur à cassette de même que le système de positionnement étaient installés sur des supports fixés aux sièges de l'hélicoptère.

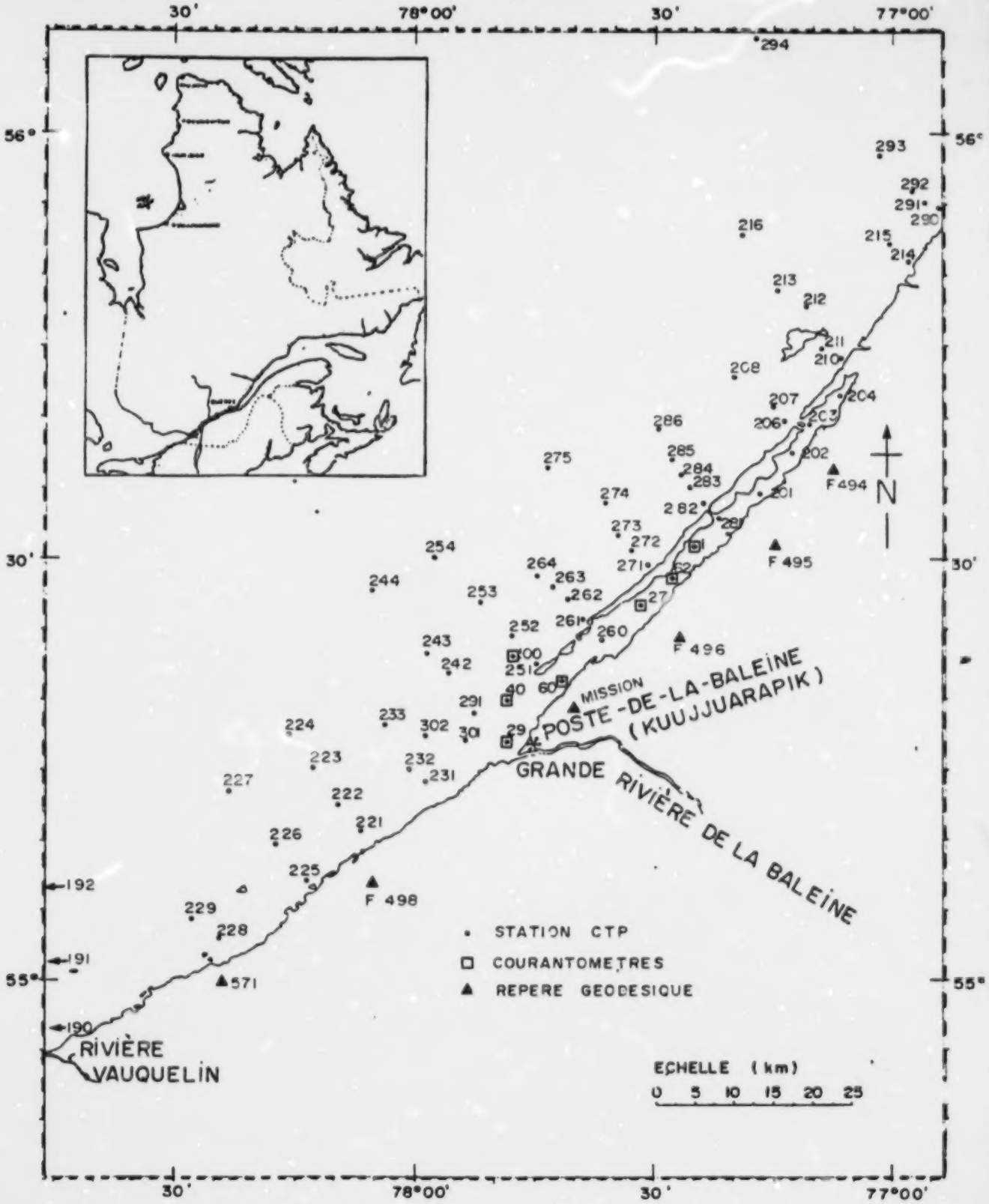

Figure 1: Stations occupées - Poste de la Baleine 1982

Les données de température, conductivité et pression mesurées par la sonde étaient transmises par un câble conducteur à l'unité de contrôle et enregistrées simultanément sur cassette. Celles-ci étaient traitées le soir même au camp de base, permettant ainsi de planifier la prochaine journée de travail.

La précision des valeurs mesurées est de 0,005°C pour la température, de 0,005 $^{0}/_{00}$ pour la salinité et de 1,25 mètre pour la profondeur.

PRÉSENTATION DES DONNÉES

Le système de traitement de données consistait en un ordinateur de table Hewlett-Packard 9845B et d'une table traçante HP 9872B. Les données enregistrées sur cassette étaient relues par l'enregistreur, décodées par l'unité de contrôle Guildline et transmises à l'ordinateur.

Le programme de traitement permettait de calculer la salinité à l'aide de la formule de l'UNESCO (1981) alors que la densité (sigma-t) était calculée par la formule de Sweers (1970).

Les tableaux 2 et 3 contiennent les informations concernant les stations qui furent occupées durant les deux phases du projet. Les données CTP sont présentées à la fois sous la forme de listes numériques et de graphiques. Ces mêmes données ont servi à produire les cartes préliminaires de distribution des isohalines et isothermes présentées aux figures 2 à 5.

Les résultats indiquent que le panache se dirigerait vers le nord-est en suivant la côte sur une distance d'environ 65 kilomètres. On remarque aussi que l'étendue du panache a augmenté de beaucoup à la fonte des neiges en mai alors que le débit de la rivière passait de 110 à 660 $m^3.s^{-1}$.

Comparés à ceux des campagnes précédentes, ces résultats pourraient indiquer qu'il y a eu une modification importante de la circulation résiduelle dans cette partie de la Baie d'Hudson ce qui a entraîné un épanchement différent du panache. L'étude plus approfondie des données permettra possiblement de trouver la cause de cette modification.

REMERCIEMENTS

L'auteur tient ici à exprimer son appréciation à tous ceux qui ont participé à ce projet et en particulier à M. Steve Peck pour son excellent travail dans la mise sur pied et l'accomplissement dudit projet.

Nous aimerions aussi remercier le personnel de la Garde côtière canadienne, MM. Harry Dale, Al Perley et Gérald Toupin, sans qui cette étude n'aurait pas été possible. De même, nous remercions M. Charles Côté et le Centre d'études nordiques pour leur excellente accommodation à Poste-de-la-Baleine. Finalement, nous remercions Mlle Sophie La Rochelle pour son bon travail dans la préparation de ce manuscrit.

TABLEAU 1

Liste des stations où des mesures courantométriques ont été effectuées

Station	Profondeur (m)	Début	Fin	Instrument
1	1.5	22-03	17-04	Courantomètre
		17-04	14-05	
	3	22-03	17-04	Courantomètre
		17-04	14-05	
	8	17-04	14-05	Courantomètre
		20-03	17-04	Thermistance
		19-04	14-05	Thermistance
27	3	25-03	24-04	Courantomètre
		24-04	14-05	
	8	25-03	24-04	Courantomètre
		24-04	25-05	
29	3	23-03	19-04	Courantomètre
		19-04	14-05	
	8	23-03	19-04	Courantomètre
		19-04	14-05	
		23-03	19-04	Marégraphe
		20-04	14-05	
40	3	26-03	20-04	Courantomètre
		20-04	14-05	
	8	26-03	20-04	Courantomètre
		20-04	14-05	
60	1.5	24-03	21-04	Courantomètre
		21-04	13-05	
	3	24-03	21-04	Courantomètre
		21-04	13-05	
62	3	26-03	24-04	Courantomètre
		24-04	14-05	
	8	26-03	24-04	Courantomètre
		24-04	14-05	
100	3	25-03	21-04	Courantomètre
		21-04	14-05	
	8	25-03	21-04	Courantomètre
		21-04	14-05	
Rivière	3	18-03	15-05	Courantomètre

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LES DONNÉES

AVRIL 1982

Résumé des stations occupées

TABLEAU 2
Informations sur les stations occupées (phase 1)

No	STATION Seq	Cons	DATE	HEURE (GMT)	POSITION Latitude	Longitude	PROFONDEUR (m) totale	CTP	PAGE
29	1	1	17-03-1982	23h25	55°16.58	77°48.84	29	29	15
29	2	2	27-03-1982	19h28	55°16.58	77°48.84	29	28	17
281	1	6	07-04-1982	19h10	55°32.53	77°21.87	10	8	19
1	1	7	07-04-1982	20h20	55°30.80	77°25.00	26	20	21
62	1	8	07-04-1982	21h38	55°28.96	77°27.75	48	20	23
27	1	9	07-04-1982	22h25	55°26.63	77°32.15	46	21	25
60	2	10	07-04-1982	23h15	55°21.69	77°42.39	49	15	27
29	3	11	10-04-1982	14h50	55°16.65	77°48.88	30	29	29
40	2	12	10-04-1982	15h30	55°19.85	77°48.74	75	75	31
100	2	13	10-04-1982	16h10	55°23.21	77°48.16	75	71	33
241	1	14	10-04-1982	17h00	55°19.40	77°52.92	16	15	35
242	1	15	10-04-1982	18h53	55°21.74	77°56.13	55	53	37
243	1	16	10-04-1982	19h22	55°23.30	77°59.01	110	105	39
244	1	17	10-04-1982	20h03	55°27.78	78°05.39	140	135	41
251	1	18	11-04-1982	14h35	55°22.42	77°44.88	50	49	43
252	1	19	11-04-1982	15h06	55°24.56	77°48.64	50	46	45
253	1	20	11-04-1982	15h35	55°27.14	77°51.99	130	121	47
261	1	21	11-04-1982	16h05	55°25.47	77°39.03	30	26	49
262	1	22	11-04-1982	19h55	55°26.97	77°41.20	65	60	51
263	1	23	11-04-1982	20h20	55°28.43	77°43.06	45	44	53
271	1	24	11-04-1982	21h05	55°29.42	77°31.61	65	63	55
272	1	25	12-04-1982	14h35	55°30.50	77°33.15	70	68	57
273	1	26	12-04-1982	15h15	55°31.79	77°34.50	85	80	59
282	1	27	12-04-1982	15h55	55°33.92	77°24.05	55	53	61
283	1	28	12-04-1982	16h30	55°35.03	77°25.39	55	55	63
284	1	29	12-04-1982	17h10	55°36.00	77°26.97	20	20	65
285	1	30	12-04-1982	17h35	55°37.00	77°28.17	114	114	67
203	1	31	12-04-1982	19h55	55°39.58	77°11.00	26	25	69
206	1	32	12-04-1982	20h25	55°39.90	77°13.90	48	47	71
207	1	33	12-04-1982	21h05	55°40.57	77°14.94	68	67	73
208	1	34	12-04-1982	22h25	55°43.10	77°19.56	146	145	75
210	1	35	13-04-1982	15h55	55°44.00	77°07.00	26	25	77
213	1	36	13-04-1982	16h22	55°49.00	77°14.70	190	188	79
214	1	37	13-04-1982	17h04	55°51.10	76°58.00	70	69	81
215	1	38	13-04-1982	17h40	55°52.20	77°00.40	85	84	83
211	1	39	13-04-1982	18h20	55°45.30	77°09.60	90	89	85
301	1	40	13-04-1982	20h56	55°16.96	77°54.02	103	99	87
302	1	41	13-04-1982	21h33	55°17.10	77°59.25	93	92	89
233	1	42	13-04-1982	22h00	55°17.72	78°04.20	30	30	91

TABLEAU 2 (suite)
Informations sur les stations occupées (phase 1)

STATION No	Seq	Cons	DATE	HEURE (GMT)	POSITION Latitude	Longitude	PROFONDEUR (m) totale	CTP	PAGE
232	1	43	13-04-1982	22h36	55°15.24	78°01.50	102	99	93
231	1	44	13-04-1982	23h10	55°13.55	77°58.65	63	60	95
212	1	45	14-04-1982	21h23	55°47.10	77°11.40	100	89	97
216	1	46	14-04-1982	21h58	55°51.90	77°19.40	130	125	99
286	1	47	14-04-1982	22h49	55°39.29	77°29.98	60	51	101
221	1	48	15-04-1982	14h00	55°10.56	78°07.02	65	56	103
222	1	49	15-04-1982	14h44	55°12.68	78°10.22	70	67	105
223	1	50	15-04-1982	15h12	55°15.06	78°12.98	45	45	107
224	1	51	15-04-1982	15h44	55°17.30	78°16.10	103	99	109
225	1	52	15-04-1982	16h17	55°06.80	78°14.50	30	27	111
226	1	53	15-04-1982	16h46	55°09.60	78°18.20	57	56	113
227	1	54	15-04-1982	19h53	55°13.50	78°23.50	120	109	115
228	1	55	15-04-1982	20h26	55°02.50	78°25.00	25	20	117
229	1	56	15-04-1982	20h55	55°04.20	78°27.75	60	50	119
60	3	57	15-04-1982	21h50	55°21.73	77°42.34	55	52	121
27	2	58	15-04-1982	22h20	55°26.52	77°31.49	40	30	123
62	2	59	16-04-1982	13h35	55°29.05	77°28.05	45	44	125
1	2	60	16-04-1982	14h10	55°30.80	77°25.00	40	38	127
281	2	61	16-04-1982	14h44	55°32.42	77°21.52	40	35	129
201	1	62	16-04-1982	15h17	55°34.44	77°17.37	25	20	131
202	1	63	16-04-1982	15h50	55°37.90	77°13.10	15	13	133
204	1	64	16-04-1982	16h24	55°41.89	77°07.00	15	11	135
191	1	65	16-04-1982	20h36	55°00.66	79°00.34	125	116	137
192	1	66	16-04-1982	21h08	55°07.20	79°06.50	150	140	139
190	1	67	16-04-1982	21h45	54°55.08	78°55.19	35	35	141
29	4	68	23-04-1982	20h55	55°16.70	77°48.90	29	29	143
40	3	69	23-04-1982	21h27	55°19.90	77°48.70	67	66	145
100	3	70	23-04-1982	22h05	55°23.20	77°48.20	25	24	147
1	3	71	23-04-1982	22h40	55°30.80	77°25.00	39	38	149

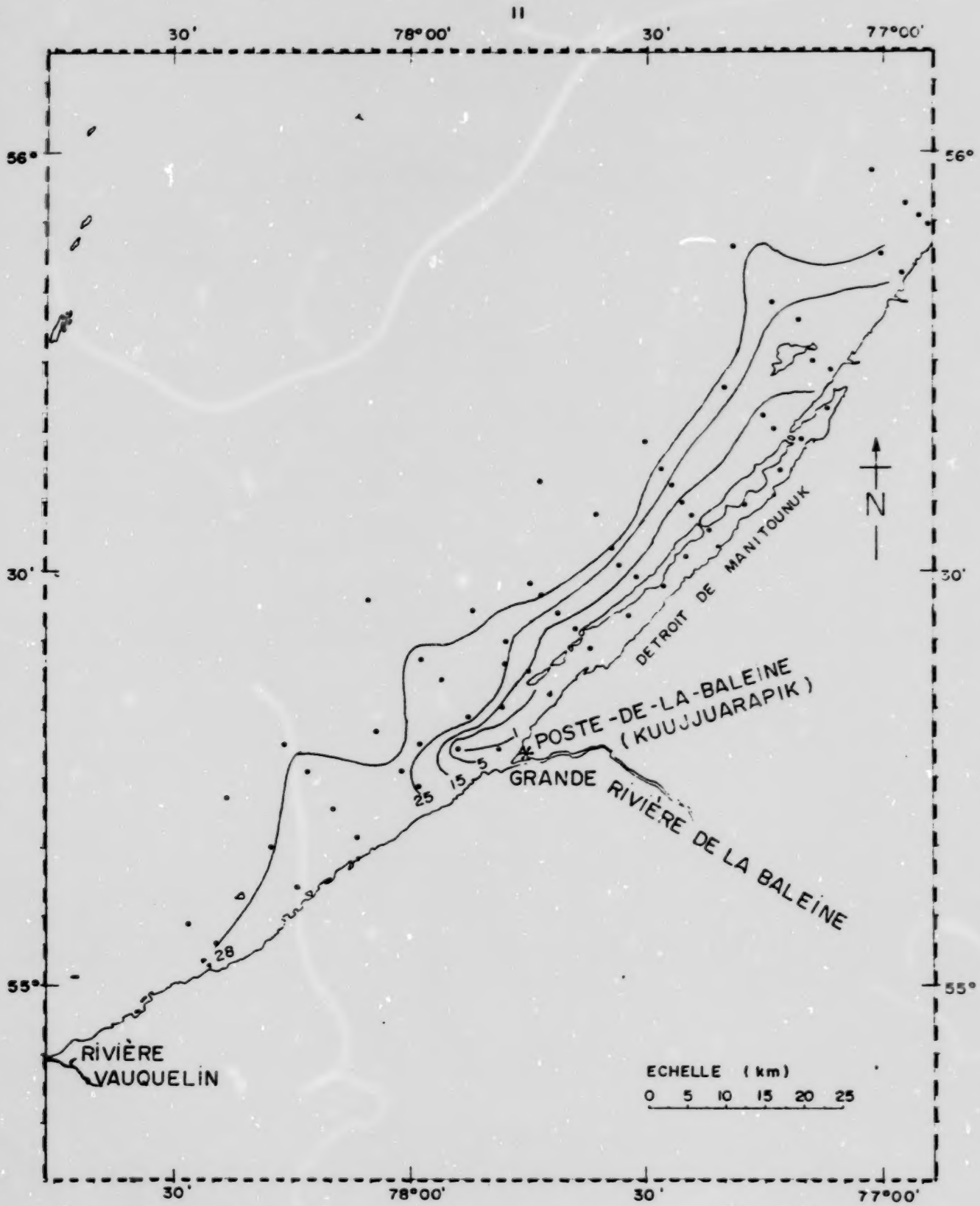


Figure 2: Salinité de surface - avril 1982

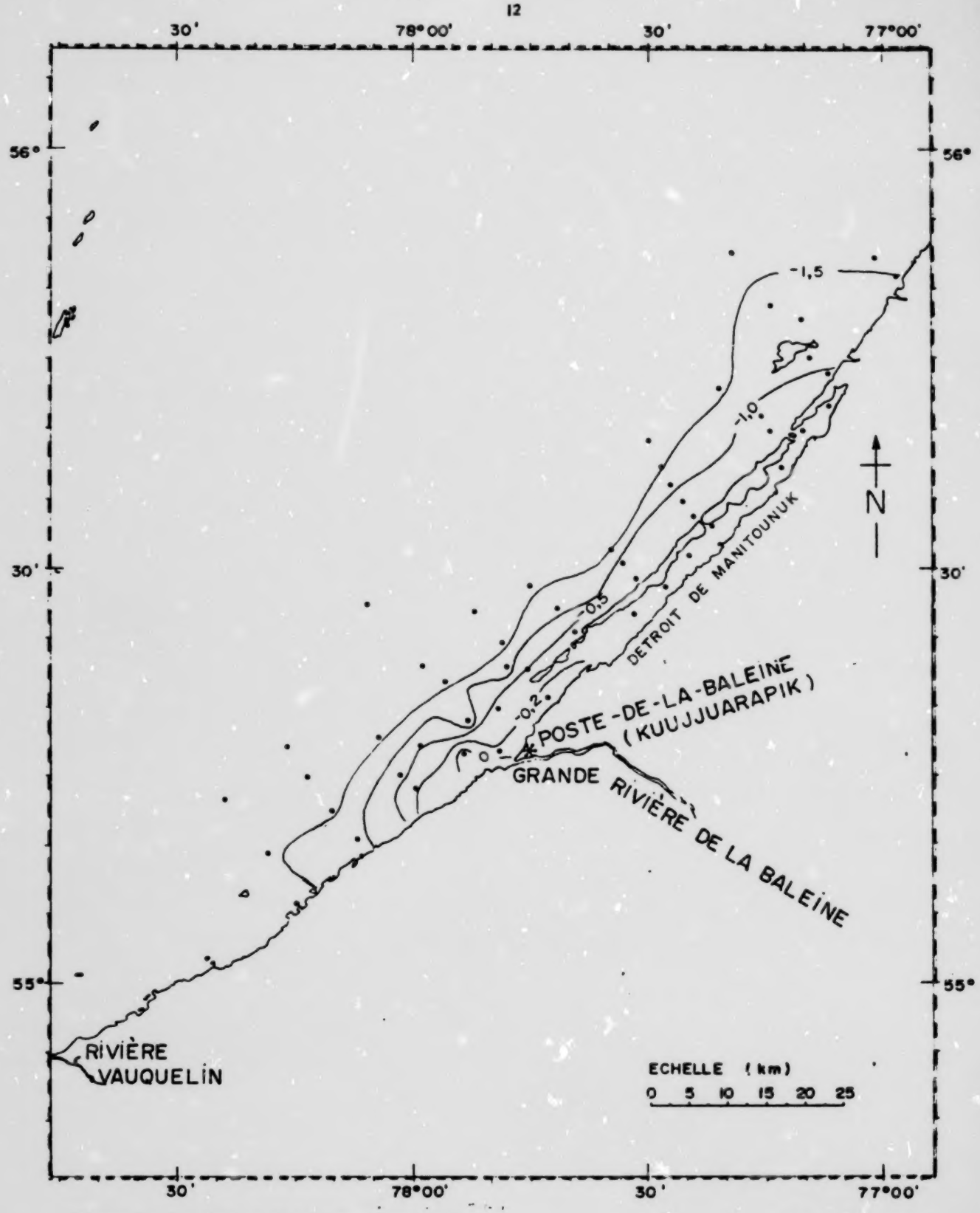
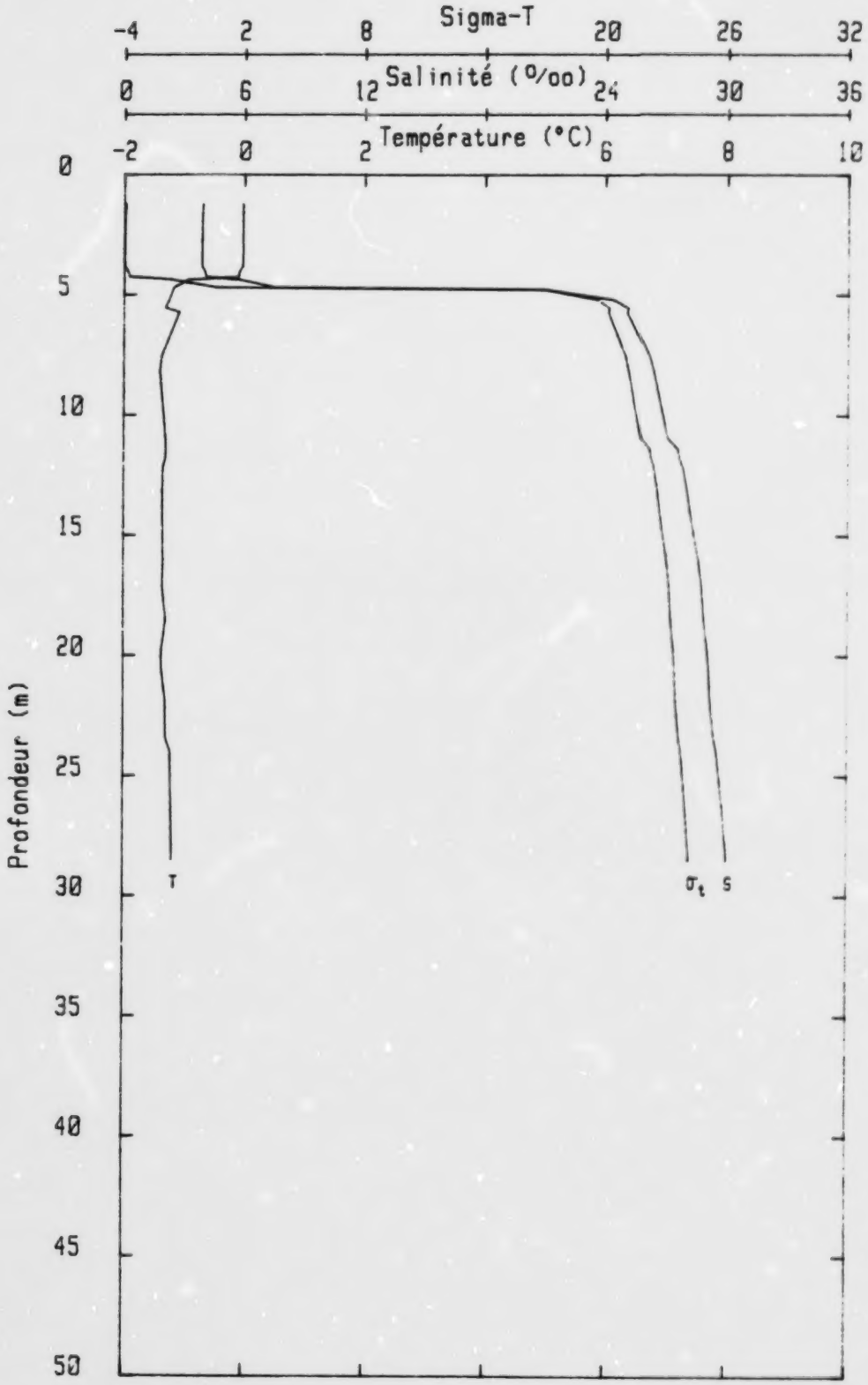


Figure 3: Température de surface - avril 1982

Données et profils CTP

Station 29 1 1 Heure (Gmt) 23h25

Prof. totale (m) 29 Date 17-03-1982

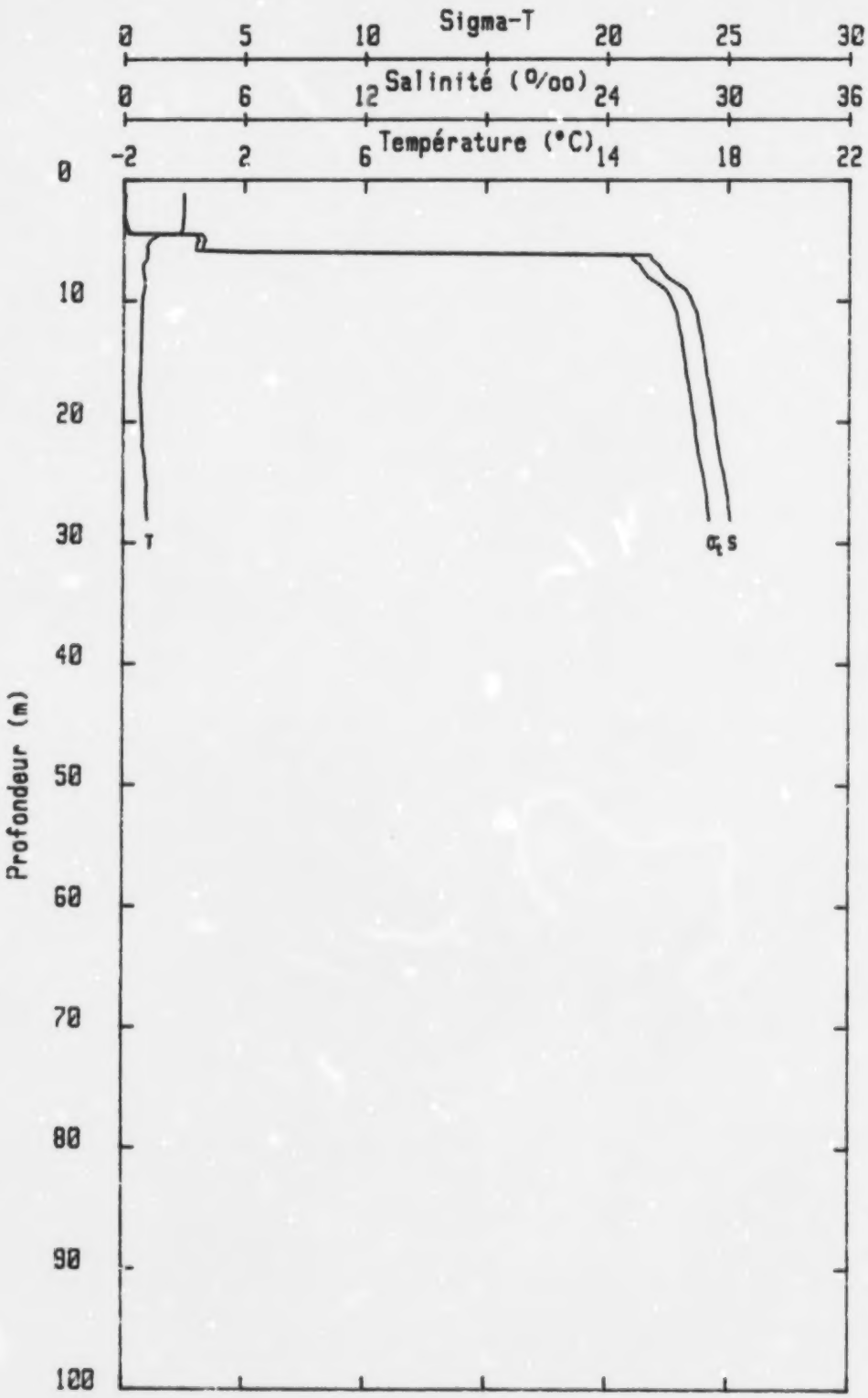


Station	29 1 1	Heure (Gmt)	23h25
Latitude	55°16.6	Date	17-03-1982
Longitude	77°48.8		
Profondeur totale (m)	28.7		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.24	-.028	0.067	-.08	1402.4
1.58	-.028	0.042	-.10	1402.3
2.09	-.026	0.019	-.12	1402.3
2.44	-.027	0.019	-.12	1402.3
2.76	-.027	0.012	-.12	1402.3
2.99	-.028	0.012	-.12	1402.3
3.10	-.021	0.012	-.12	1402.3
3.33	-.028	0.010	-.13	1402.3
3.45	-.028	0.010	-.13	1402.3
3.63	-.029	0.010	-.13	1402.3
3.84	-.034	0.025	-.11	1402.3
4.04	-.079	0.179	0.01	1402.3
4.28	-.107	0.295	0.10	1402.3
4.39	-.928	2.359	1.73	1400.7
4.71	-1.173	4.599	3.54	1402.3
4.79	-1.189	21.054	16.89	1424.4
5.21	-1.248	24.429	19.62	1428.7
5.56	-1.316	25.137	20.19	1429.3
5.74	-1.081	25.074	20.14	1430.4
7.55	-1.370	26.126	20.99	1430.2
8.14	-1.403	26.315	21.15	1430.2
10.96	-1.305	27.028	21.73	1431.5
11.43	-1.301	27.539	22.14	1432.2
11.78	-1.305	27.609	22.20	1432.2
12.21	-1.350	27.804	22.36	1432.2
13.25	-1.358	28.017	22.53	1432.4
14.08	-1.359	28.157	22.64	1432.5
16.01	-1.342	28.571	22.98	1433.0
17.10	-1.356	28.735	23.11	1433.1
18.48	-1.298	28.834	23.19	1433.5
19.85	-1.369	29.030	23.35	1433.2
20.55	-1.368	29.098	23.40	1433.3
21.90	-1.302	29.174	23.47	1433.7
22.21	-1.302	29.209	23.49	1433.7
23.45	-1.295	29.373	23.63	1433.9
24.00	-1.219	29.505	23.73	1434.5
26.70	-1.199	29.847	24.01	1435.0
27.75	-1.190	29.949	24.09	1435.1
28.20	-1.188	30.006	24.14	1435.2
28.53	-1.188	30.006	24.14	1435.1

Station 29 2 2 Heure (Gmt) 19h28

Prof. totale (m) 29 Date 27-03-1982

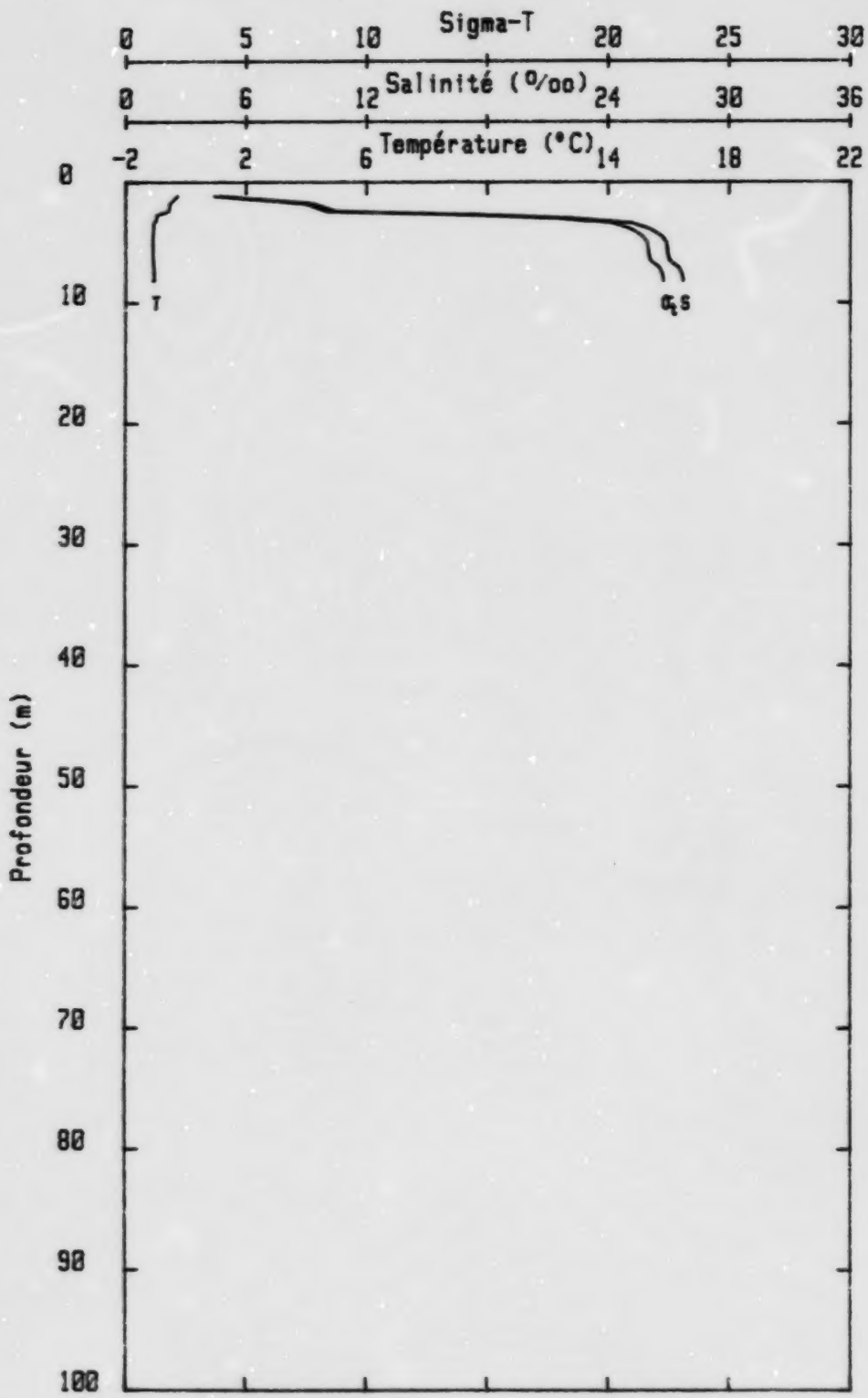


Station	29 2 2	Heure (Gmt)	19h28
Latitude	55°16.6	Date	27-03-1982
Longitude	77°48.8		
Profondeur totale (m)	29.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.015	0.068	-.08	1402.4
2.08	-.016	0.034	-.11	1402.4
3.00	-.018	0.032	-.11	1402.4
4.06	-.066	0.213	0.04	1402.4
4.21	-.098	0.247	0.06	1402.3
4.46	-.146	0.423	0.20	1402.3
4.51	-.858	3.866	2.97	1403.1
4.70	-.936	3.975	3.05	1402.8
5.04	-1.140	4.058	3.10	1401.8
5.18	-1.154	3.963	3.03	1401.6
5.44	-1.227	3.950	3.01	1401.1
5.61	-1.220	3.930	2.99	1401.1
5.83	-1.206	3.907	2.98	1401.2
5.96	-1.208	6.211	4.85	1404.3
6.03	-1.212	12.861	10.25	1413.2
6.10	-1.218	19.835	15.90	1422.6
6.19	-1.221	26.071	20.95	1431.0
6.28	-1.224	26.173	21.03	1431.1
6.54	-1.224	26.191	21.05	1431.1
7.03	-1.365	26.557	21.34	1430.8
7.53	-1.354	26.748	21.50	1431.1
8.03	-1.317	26.979	21.69	1431.6
8.54	-1.274	27.449	22.07	1432.4
9.04	-1.317	27.871	22.41	1432.7
9.58	-1.364	28.086	22.58	1432.7
10.08	-1.387	28.212	22.69	1432.7
11.03	-1.395	28.463	22.89	1433.0
12.01	-1.405	28.553	22.96	1433.0
13.04	-1.411	28.706	23.09	1433.1
14.08	-1.410	28.783	23.15	1433.1
15.06	-1.429	28.892	23.24	1433.0
16.05	-1.443	28.953	23.29	1433.0
17.06	-1.463	29.076	23.39	1433.0
18.01	-1.432	29.177	23.47	1433.2
19.08	-1.407	29.266	23.54	1433.4
20.09	-1.394	29.375	23.63	1433.5
21.04	-1.365	29.417	23.66	1433.7
22.04	-1.377	29.526	23.75	1433.7
23.00	-1.295	29.618	23.82	1434.3
24.08	-1.284	29.769	23.95	1434.5
25.01	-1.230	29.879	24.03	1434.9
26.11	-1.243	29.999	24.13	1434.9
27.05	-1.239	30.044	24.17	1434.9
28.09	-1.200	30.124	24.23	1435.2

Station 281 1 6 Heure (Gmt) 19h10

Prof. totale (m) 10 Date 07-04-1982

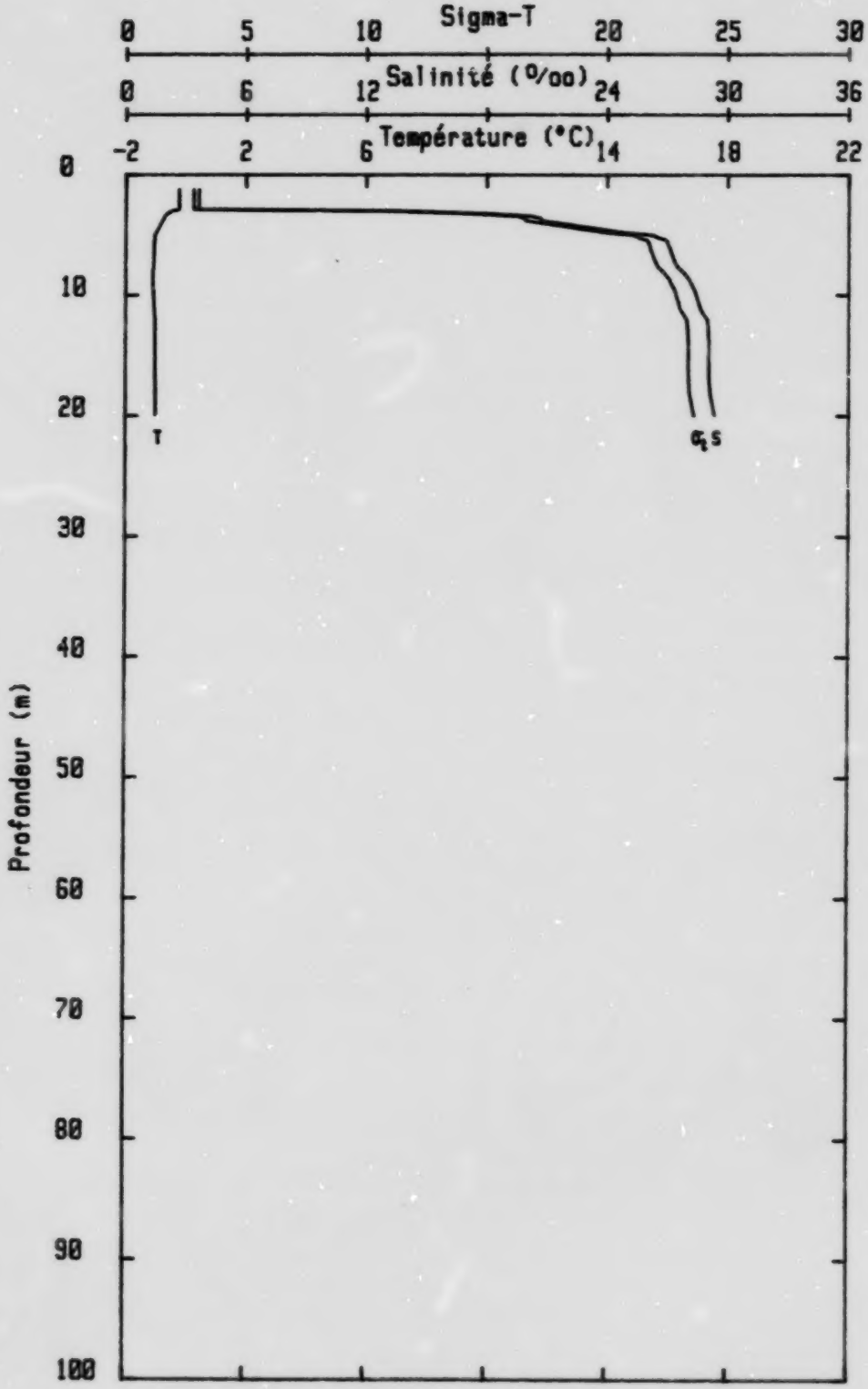


Station	281	1 6	Heure (Gmt)	19h10
Latitude		55°32.5	Date	07-04-1982
Longitude		77°21.9		
Profondeur totale (m)		10.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.18	-.286	4.722	3.70	1407.1
1.80	-.534	9.390	7.47	1412.0
2.44	-.582	10.479	8.35	1413.2
2.73	-.976	17.694	14.17	1421.0
3.00	-.979	22.170	17.79	1427.0
3.21	-.990	23.737	19.06	1429.1
3.30	-1.044	24.542	19.71	1430.0
3.40	-1.073	25.180	20.23	1430.7
3.88	-1.074	26.042	20.92	1431.9
4.25	-1.087	26.444	21.25	1432.4
4.53	-1.096	26.675	21.44	1432.7
5.00	-1.094	26.904	21.62	1433.0
6.08	-1.091	26.991	21.69	1433.2
6.51	-1.083	27.059	21.75	1433.3
7.06	-1.058	27.496	22.10	1434.0
7.50	-1.057	27.649	22.23	1434.3
8.01	-1.052	27.716	22.28	1434.4
8.19	-1.054	27.718	22.28	1434.4

Station 1 1 7 Heure (Gmt) 20h20

Prof. totale (m) 26 Date 07-04-1982

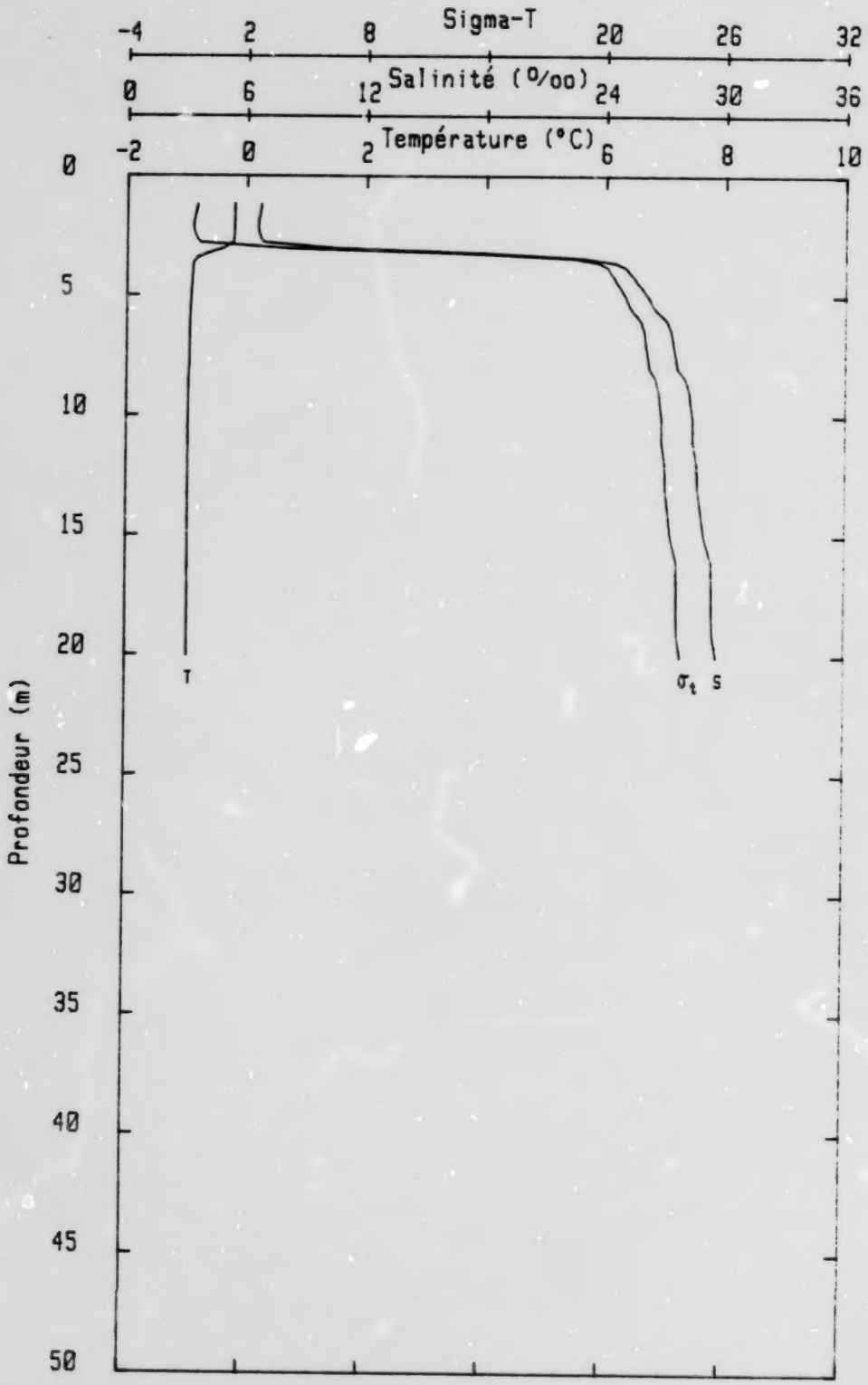


Station	1 1 7	Heure (Gmt)	20h20
Latitude	55°30.8	Date	07-04-1982
Longitude	77°25.0		
Profondeur totale (m)	26.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.28	-.235	3.637	2.82	1406.1
2.89	-.233	3.636	2.82	1406.1
3.01	-.479	13.769	11.01	1418.3
3.23	-.609	17.870	14.32	1423.2
3.43	-.705	20.204	16.20	1425.8
3.61	-.747	20.676	16.58	1426.2
3.80	-.778	20.703	16.61	1426.1
4.80	-.997	24.885	19.99	1430.6
4.86	-1.008	25.329	20.35	1431.1
5.01	-1.038	26.273	21.11	1432.3
5.23	-1.041	26.532	21.32	1432.6
5.40	-1.047	26.904	21.62	1433.0
5.60	-1.057	27.010	21.71	1433.1
7.14	-1.070	27.320	21.96	1433.4
7.21	-1.073	27.354	21.99	1433.4
7.68	-1.069	27.500	22.11	1433.6
8.01	-1.099	27.743	22.30	1433.8
8.64	-1.102	28.063	22.56	1434.2
9.09	-1.095	28.196	22.67	1434.3
9.50	-1.085	28.330	22.78	1434.6
10.01	-1.072	28.438	22.86	1434.7
11.19	-1.043	28.645	23.03	1435.1
12.05	-1.021	28.994	23.31	1435.7
13.81	-1.013	29.060	23.37	1435.7
16.44	-1.013	29.058	23.37	1435.6
17.08	-1.008	29.079	23.38	1435.6
18.06	-1.005	29.113	23.41	1435.6
19.96	-.996	29.337	23.59	1435.9

Station 62 1 8 Heure (Gmt) 21h38

Prof. totale (m) 48 Date 07-04-1982

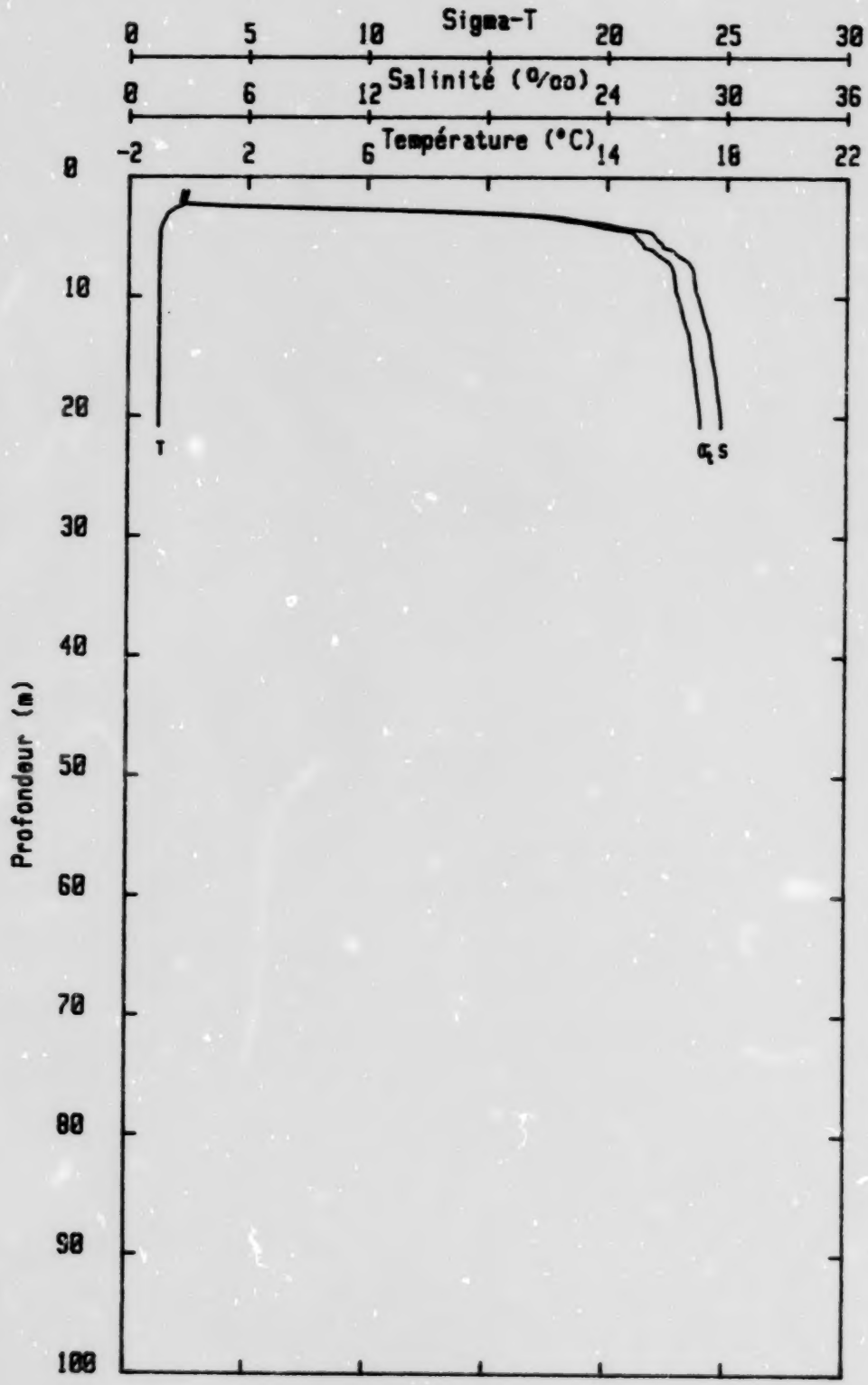


Station	62 1 8	Heure (Gmt)	21h38
Latitude	55°29.0	Date	07-04-1982
Longitude	77°27.8		
Profondeur totale (m)	48.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.21	-.210	3.508	2.72	1406.0
2.00	-.212	3.309	2.55	1405.7
2.25	-.212	3.317	2.56	1405.8
2.64	-.222	3.480	2.69	1405.9
2.80	-.230	3.656	2.84	1406.1
3.05	-.401	8.075	6.41	1411.1
3.24	-.640	17.152	13.74	1422.1
3.44	-.823	22.926	18.40	1428.9
3.63	-.891	24.451	19.64	1430.6
3.83	-.904	25.004	20.08	1431.3
4.06	-.909	25.208	20.25	1431.5
4.24	-.912	25.409	20.41	1431.8
4.48	-.914	25.588	20.56	1432.0
4.60	-.920	25.752	20.69	1432.2
4.86	-.927	25.968	20.86	1432.4
5.03	-.931	26.121	20.99	1432.6
5.20	-.934	26.227	21.07	1432.7
5.44	-.937	26.373	21.19	1432.9
5.60	-.942	26.521	21.31	1433.0
6.03	-.949	27.065	21.75	1433.7
6.48	-.950	27.287	21.93	1434.0
7.06	-.950	27.395	22.02	1434.1
7.40	-.953	27.479	22.09	1434.2
8.04	-.954	27.612	22.19	1434.3
8.43	-.964	27.989	22.50	1434.8
9.03	-.968	28.209	22.68	1435.0
9.45	-.968	28.266	22.72	1435.1
10.08	-.970	28.381	22.82	1435.2
11.01	-.970	28.385	22.82	1435.2
12.03	-.971	28.592	22.99	1435.4
13.01	-.970	28.635	23.02	1435.4
15.03	-.971	28.962	23.29	1435.8
16.08	-.969	29.342	23.59	1436.2
17.06	-.968	29.365	23.61	1436.2
18.10	-.970	29.379	23.62	1436.2
19.10	-.970	29.413	23.65	1436.2
20.06	-.967	29.619	23.82	1436.4

Station 27 1 9 Heure (Gmt) 22h25

Prof. totale (m) 46 Date 07-04-1982

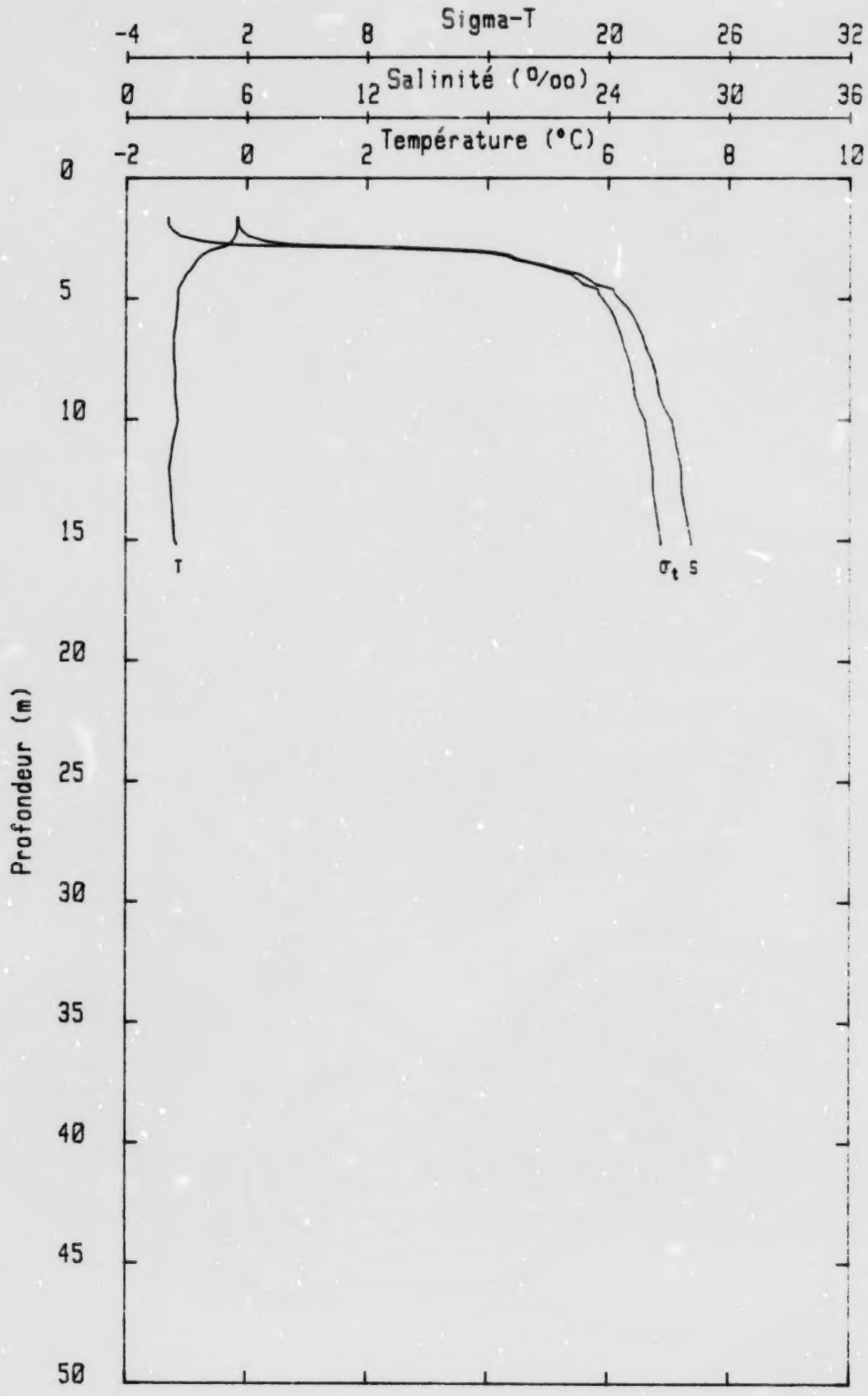


Station	27 1 9	Heure (Gmt)	22h25
Latitude	55°26.6	Date	07-04-1982
Longitude	77°32.2		
Profondeur totale (m)	46.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.186	2.966	2.28	1405.4
2.08	-.187	2.800	2.14	1405.1
2.25	-.187	2.810	2.15	1405.2
2.43	-.247	4.819	3.78	1407.5
2.61	-.452	9.152	7.28	1412.1
2.81	-.563	14.657	11.73	1418.9
3.04	-.689	18.910	15.16	1424.0
3.23	-.744	20.948	16.80	1426.5
3.40	-.766	21.957	17.62	1427.8
3.64	-.812	22.713	18.23	1428.6
3.80	-.853	23.649	18.99	1429.7
4.04	-.884	24.331	19.54	1430.5
4.21	-.915	24.792	19.91	1431.0
4.51	-.956	26.077	20.95	1432.5
4.60	-.956	26.225	21.07	1432.7
4.85	-.955	26.356	21.18	1432.9
5.00	-.955	26.425	21.23	1433.0
5.26	-.955	26.553	21.34	1433.2
5.41	-.959	26.680	21.44	1433.4
5.60	-.961	26.770	21.51	1433.5
5.84	-.962	26.808	21.54	1433.5
6.01	-.969	27.206	21.87	1434.1
6.54	-.976	27.500	22.18	1434.6
7.01	-.976	28.041	22.54	1435.2
7.51	-.974	28.268	22.73	1435.5
8.00	-.976	28.337	22.78	1435.6
8.54	-.974	28.368	22.81	1435.7
9.10	-.975	28.421	22.85	1435.8
9.50	-.974	28.444	22.87	1435.8
10.01	-.971	28.574	22.97	1436.0
11.00	-.972	28.740	23.11	1436.2
12.04	-.970	28.896	23.23	1436.5
13.05	-.972	29.122	23.42	1436.8
14.04	-.970	29.216	23.49	1437.0
15.15	-.969	29.287	23.55	1437.1
16.08	-.967	29.418	23.66	1437.3
17.10	-.968	29.488	23.71	1437.4
18.06	-.967	29.557	23.77	1437.5
19.03	-.973	29.653	23.85	1437.6
20.00	-.979	29.716	23.90	1437.7
20.51	-.974	29.731	23.91	1437.8
20.88	-.974	29.731	23.91	1437.8

Station 60 2 10 Heure (Gmt) 23h15

Prof. totale (m) 49 Date 07-04-1982

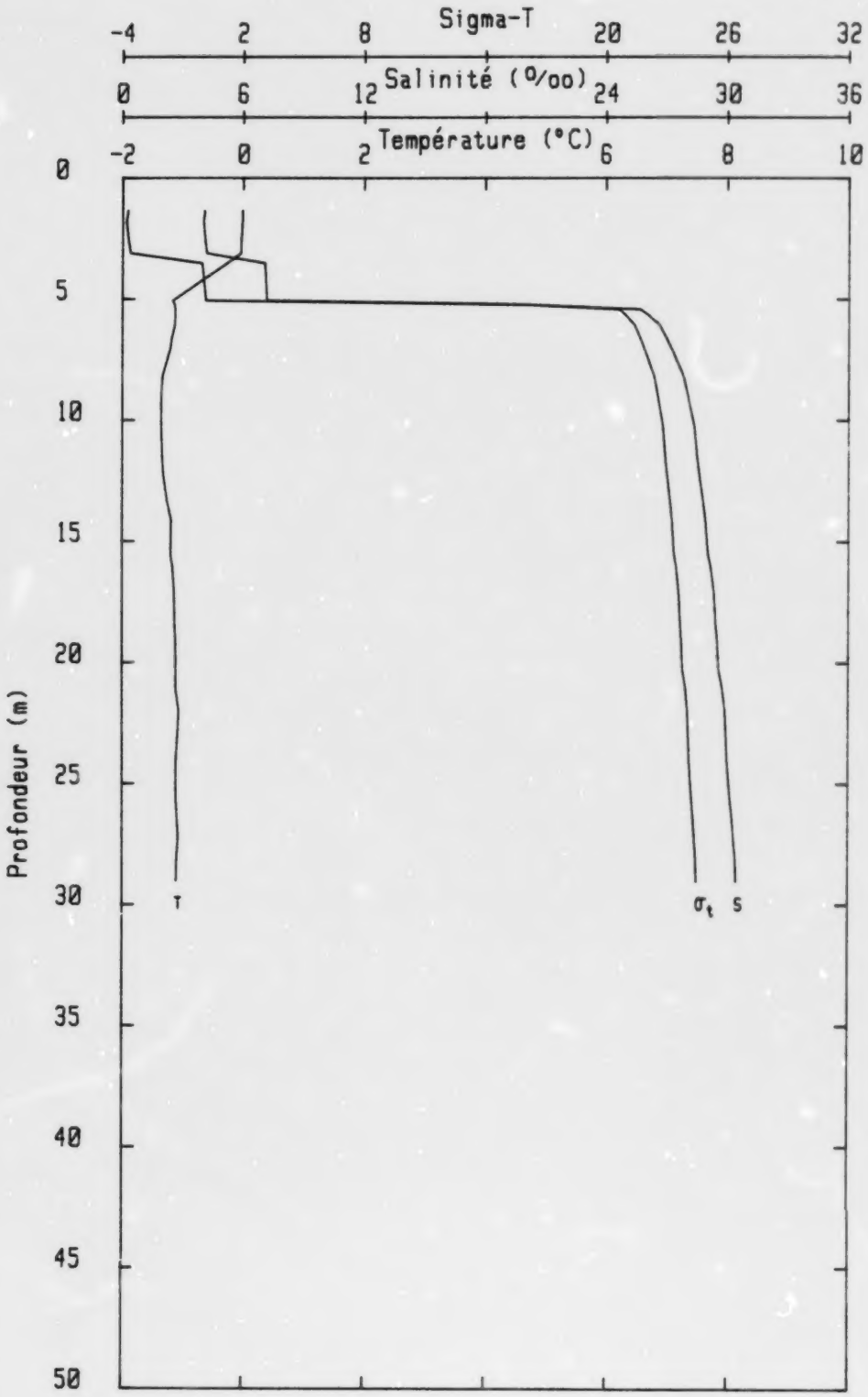


Station	60 2 10	Heure (Gmt)	23h15
Latitude	55°21.7	Date	07-04-1982
Longitude	77°42.4		
Profondeur totale (m)	49.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.65	-.161	2.099	1.57	1404.4
1.90	-.161	2.105	1.58	1404.4
2.03	-.162	2.158	1.62	1404.5
2.21	-.169	2.352	1.78	1404.7
2.41	-.189	2.701	2.06	1405.0
2.63	-.243	3.754	2.91	1406.2
2.70	-.272	4.511	3.53	1407.0
2.79	-.303	5.660	4.46	1408.4
2.81	-.334	7.081	5.61	1410.1
2.86	-.382	9.394	7.48	1413.0
2.89	-.447	12.013	9.59	1416.2
2.99	-.575	15.577	12.47	1420.3
3.04	-.625	16.818	13.47	1421.7
3.10	-.671	17.904	14.35	1422.9
3.23	-.745	18.873	15.13	1423.8
3.40	-.820	19.367	15.53	1424.1
3.63	-.877	20.739	16.63	1425.7
3.85	-.939	21.752	17.45	1426.7
4.00	-1.001	22.575	18.12	1427.5
4.24	-1.050	23.060	18.51	1427.9
4.43	-1.094	23.383	18.77	1428.1
4.61	-1.130	24.241	19.47	1429.1
4.81	-1.140	24.322	19.53	1429.1
5.01	-1.135	24.544	19.71	1429.4
5.25	-1.142	24.794	19.91	1429.7
5.43	-1.148	25.000	20.08	1429.9
5.63	-1.160	25.162	20.21	1430.1
5.80	-1.162	25.291	20.32	1430.2
6.00	-1.169	25.395	20.40	1430.3
6.56	-1.205	25.706	20.65	1430.5
7.05	-1.204	25.886	20.80	1430.8
7.53	-1.199	26.150	21.01	1431.1
8.01	-1.179	26.342	21.17	1431.5
8.51	-1.183	26.450	21.26	1431.5
9.00	-1.180	26.535	21.32	1431.6
9.53	-1.149	26.788	21.53	1432.1
10.06	-1.135	27.164	21.83	1432.7
11.03	-1.223	27.380	22.01	1432.4
12.05	-1.281	27.629	22.21	1432.4
13.01	-1.249	27.663	22.24	1432.5
14.03	-1.219	27.888	22.42	1433.0
15.00	-1.194	28.118	22.61	1433.4
15.20	-1.155	28.140	22.62	1433.6

Station 29 3 11 Heure (Gmt) 14h50

Prof. totale (m) 30 Date 10-04-1982

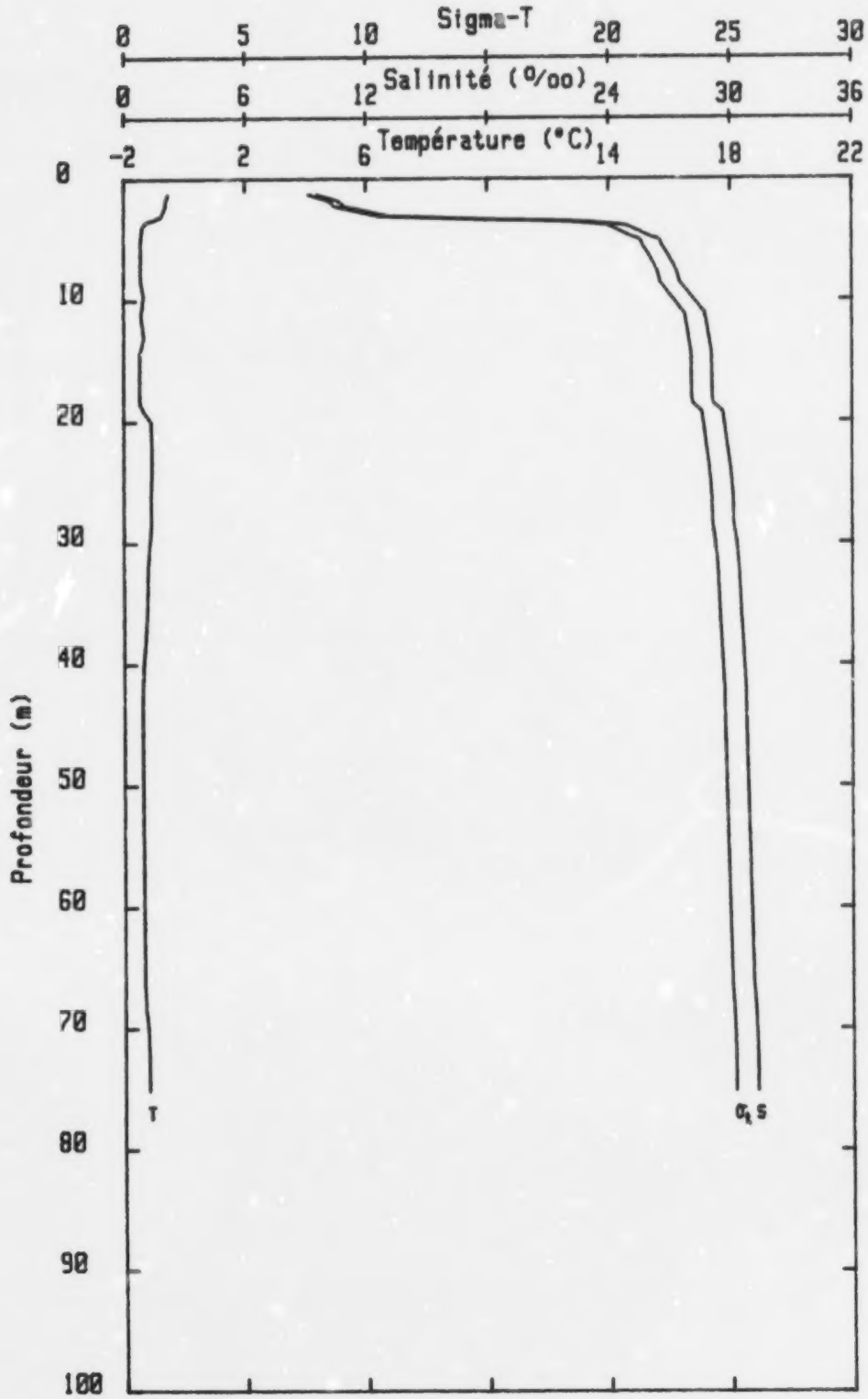


Station	29 3 11	Heure (Gmt)	14h50
Latitude	55°16.7	Date	10-04-1982
Longitude	77°48.9		
Profondeur totale (m)	30.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON	CONGEL
1.36	-.015	0.263	0.08	1402.7	-.025
1.80	-.018	0.189	0.02	1402.6	-.021
2.51	-.037	0.283	0.10	1402.6	-.027
3.13	-.045	0.398	0.19	1402.7	-.033
3.54	-.275	3.959	3.08	1406.3	-.225
5.08	-1.172	4.144	3.17	1401.7	-.234
5.24	-1.134	20.139	16.15	1423.5	-1.014
5.43	-1.128	25.680	20.63	1431.0	-1.265
5.65	-1.124	26.069	20.95	1431.5	-1.282
6.08	-1.136	26.624	21.40	1432.2	-1.306
6.64	-1.188	26.988	21.69	1432.4	-1.323
7.05	-1.211	27.226	21.88	1432.5	-1.333
8.18	-1.338	27.820	22.37	1432.6	-1.359
9.05	-1.358	28.058	22.56	1432.7	-1.370
10.28	-1.357	28.363	22.81	1433.1	-1.383
11.63	-1.338	28.517	22.93	1433.3	-1.390
12.19	-1.325	28.598	23.00	1433.4	-1.393
13.40	-1.256	28.807	23.17	1434.0	-1.403
14.08	-1.193	28.905	23.25	1434.5	-1.407
15.55	-1.200	29.049	23.36	1434.5	-1.413
16.06	-1.164	29.185	23.47	1434.9	-1.419
17.16	-1.139	29.347	23.60	1435.2	-1.426
18.43	-1.127	29.439	23.68	1435.3	-1.430
19.14	-1.115	29.513	23.74	1435.5	-1.433
20.23	-1.113	29.576	23.79	1435.5	-1.436
21.09	-1.110	29.776	23.95	1435.7	-1.445
22.03	-1.060	29.906	24.05	1436.2	-1.450
23.10	-1.086	29.960	24.10	1436.0	-1.453
24.15	-1.111	30.017	24.14	1435.9	-1.455
25.31	-1.112	30.130	24.24	1436.0	-1.460
26.26	-1.093	30.247	24.33	1436.2	-1.465
27.20	-1.071	30.334	24.40	1436.4	-1.469
28.00	-1.094	30.420	24.47	1436.3	-1.473
29.04	-1.104	30.462	24.50	1436.3	-1.475

Station 40 2 12 Heure (Gmt) 15h30

Prof. totale (m) 75 Date 10-04-1982

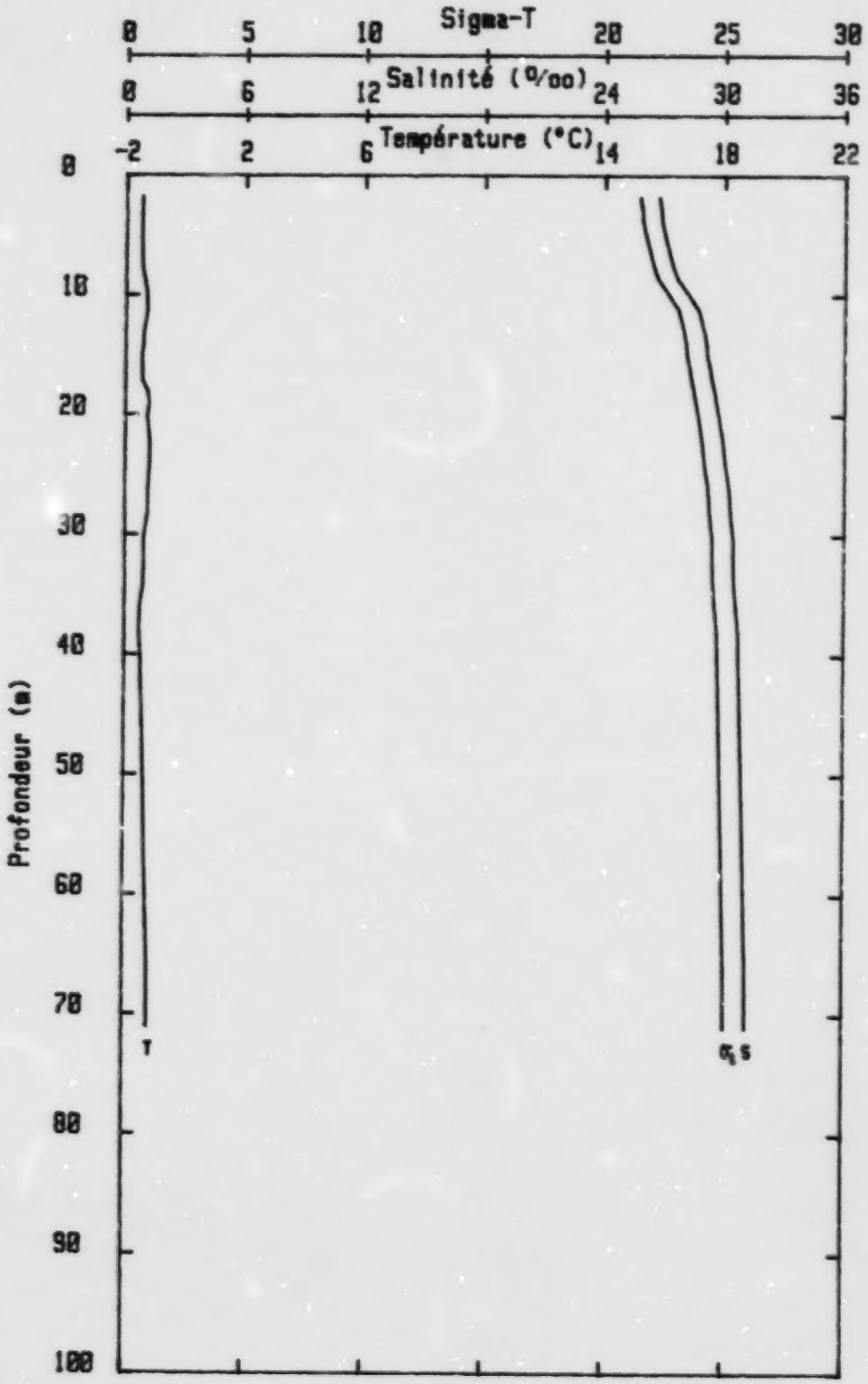


Station	40 2 12	Heure (Gmt)	15h30
Latitude	55°19.9	Date	10-04-1982
Longitude	77°48.7		
Profondeur totale (m)	75.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.30	-.538	9.612	7.65	1412.3
1.83	-.609	10.638	8.47	1413.3
2.28	-.624	10.943	8.72	1413.6
3.09	-.770	13.162	10.51	1415.9
3.39	-1.055	18.430	14.77	1421.6
3.48	-1.188	21.225	17.03	1424.7
3.59	-1.271	23.018	18.48	1426.8
3.81	-1.355	24.498	19.68	1428.4
3.90	-1.382	24.877	19.98	1428.8
4.03	-1.398	25.074	20.14	1429.0
4.86	-1.430	26.137	21.00	1430.4
4.96	-1.436	26.391	21.21	1430.7
5.09	-1.439	26.511	21.31	1430.8
5.23	-1.446	26.562	21.35	1430.9
5.63	-1.446	26.664	21.43	1431.0
6.20	-1.436	26.912	21.63	1431.4
7.65	-1.445	27.378	22.01	1432.1
8.56	-1.427	27.521	22.13	1432.4
9.65	-1.336	28.033	22.54	1433.5
11.15	-1.427	28.759	23.13	1434.1
13.05	-1.331	28.960	23.29	1434.9
14.34	-1.460	29.085	23.40	1434.5
17.86	-1.468	29.114	23.42	1434.5
18.24	-1.464	29.127	23.43	1434.6
18.39	-1.457	29.154	23.45	1434.6
18.59	-1.449	29.177	23.47	1434.7
19.23	-1.313	29.625	23.83	1436.0
20.01	-1.090	29.701	23.89	1437.2
22.06	-1.067	29.865	24.02	1437.5
24.09	-1.068	30.033	24.16	1437.8
26.08	-1.096	30.126	24.23	1437.8
28.34	-1.083	30.161	24.26	1438.0
30.01	-1.144	30.308	24.38	1437.9
32.01	-1.211	30.420	24.47	1437.8
34.06	-1.222	30.487	24.53	1437.9
36.05	-1.247	30.542	24.57	1437.9
38.04	-1.289	30.616	24.63	1437.8
40.19	-1.358	30.690	24.69	1437.6
42.06	-1.389	30.757	24.75	1437.6
44.06	-1.399	30.772	24.76	1437.6
66.41	-1.347	31.118	25.04	1438.7
68.13	-1.312	31.197	25.11	1439.0
70.04	-1.235	31.248	25.14	1439.5
72.09	-1.204	31.287	25.18	1439.7
74.01	-1.198	31.296	25.18	1439.8
75.16	-1.198	31.298	25.18	1439.8

Station 100 2 13 Heure (Gmt) 16h10

Prof. totale (m) 75 Date 10-04-1982

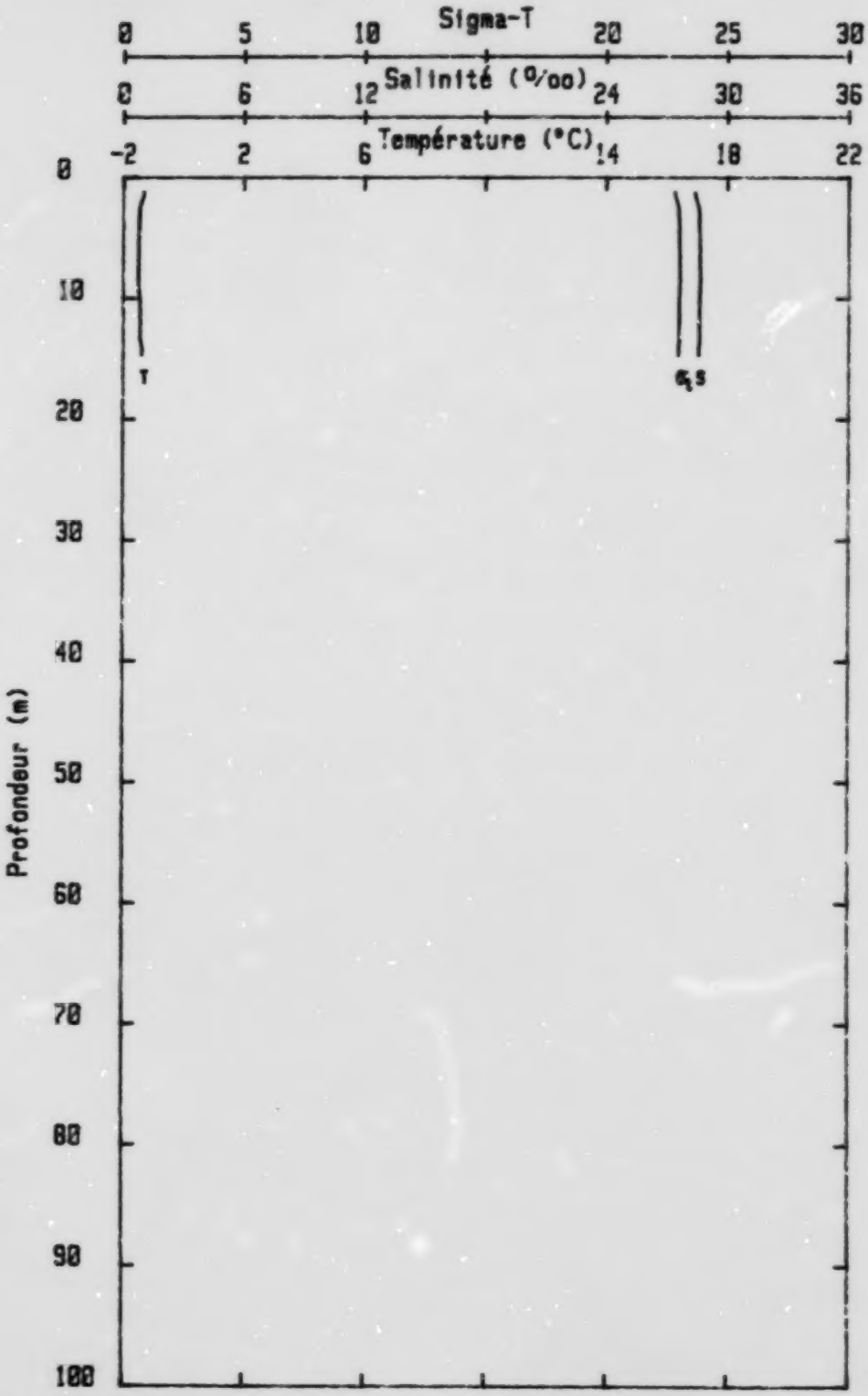


Station	100 2 13	Heure (Gmt)	16h10
Latitude	55°23.2	Date	10-04-1982
Longitude	77°48.2		
Profondeur totale (m)	75.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.81	-1.473	26.692	21.45	1430.9
3.03	-1.479	26.800	21.54	1431.0
3.46	-1.478	26.817	21.56	1431.0
3.93	-1.478	26.842	21.58	1431.1
4.03	-1.477	26.854	21.59	1431.1
4.86	-1.476	26.981	21.69	1431.3
5.10	-1.480	26.999	21.70	1431.3
7.64	-1.451	27.408	22.03	1432.1
8.61	-1.386	27.631	22.21	1432.7
9.58	-1.304	28.047	22.55	1433.7
11.15	-1.277	28.677	23.06	1434.7
13.15	-1.398	28.994	23.32	1434.6
14.15	-1.408	29.094	23.40	1434.7
15.00	-1.452	29.128	23.43	1434.6
16.03	-1.437	29.266	23.54	1434.9
17.26	-1.421	29.389	23.64	1435.1
18.08	-1.241	29.505	23.73	1436.2
19.15	-1.217	29.618	23.82	1436.4
20.16	-1.259	29.733	23.92	1436.4
22.19	-1.173	29.928	24.07	1437.1
24.00	-1.186	30.044	24.17	1437.3
26.13	-1.237	30.249	24.34	1437.3
28.06	-1.228	30.325	24.40	1437.5
30.26	-1.368	30.467	24.51	1437.1
32.13	-1.360	30.483	24.53	1437.2
34.09	-1.380	30.516	24.55	1437.2
36.00	-1.488	30.617	24.64	1436.8
38.00	-1.505	30.731	24.73	1436.9
40.06	-1.450	30.761	24.75	1437.3
42.10	-1.442	30.795	24.78	1437.4
44.08	-1.406	30.831	24.81	1437.6
66.03	-1.171	31.160	25.07	1439.6
68.00	-1.171	31.168	25.08	1439.6
70.09	-1.171	31.170	25.08	1439.7
71.10	-1.171	31.172	25.08	1439.7

Station 241 1 14 Heure (Gmt) 17h00

Prof. totale (m) 16 Date 10-04-1982

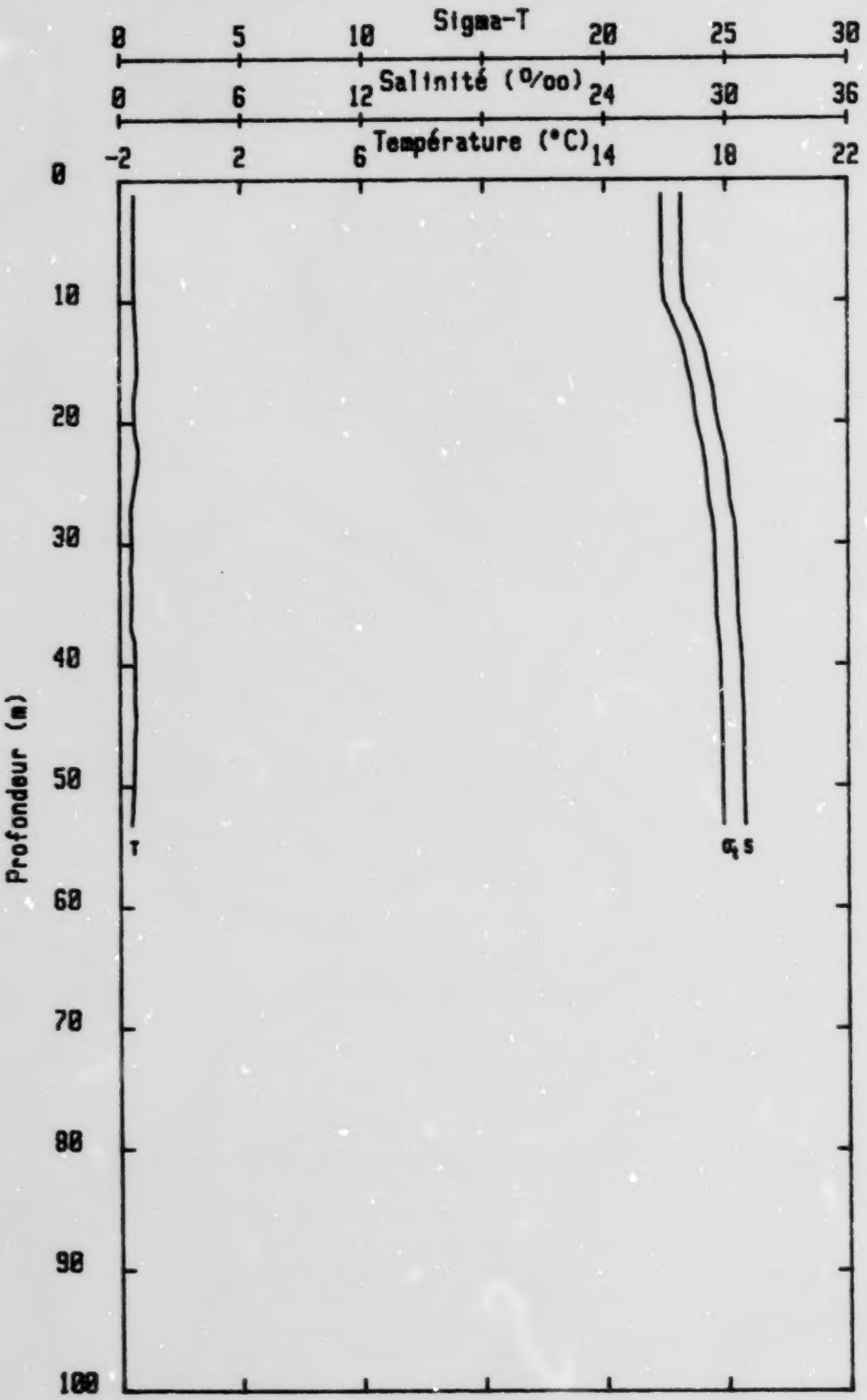


Station	241	1 14	Heure (Gmt)	17h00
Latitude		55°19.4	Date	10-04-1982
Longitude		77°52.9		
Profondeur totale (m)		16.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.23	-1.324	28.395	22.83	1433.9
1.55	-1.345	28.405	22.84	1433.9
2.00	-1.417	28.496	22.92	1433.6
2.51	-1.460	28.571	22.98	1433.6
3.15	-1.474	28.595	23.00	1433.5
3.66	-1.480	28.604	23.00	1433.5
4.18	-1.485	28.608	23.01	1433.5
4.54	-1.488	28.613	23.01	1433.5
5.08	-1.496	28.624	23.02	1433.5
6.16	-1.500	28.633	23.03	1433.5
7.08	-1.502	28.638	23.03	1433.5
8.03	-1.506	28.647	23.04	1433.5
9.06	-1.495	28.637	23.03	1433.6
10.20	-1.452	28.607	23.01	1433.8
11.11	-1.442	28.611	23.01	1433.8
12.05	-1.434	28.606	23.01	1433.9
13.21	-1.443	28.624	23.02	1433.9
14.16	-1.381	28.571	22.98	1434.1
14.68	-1.377	28.569	22.98	1434.1

Station 242 1 15 Heure (Gmt) 18h53

Prof. totale (m) 55 Date 10-04-1982

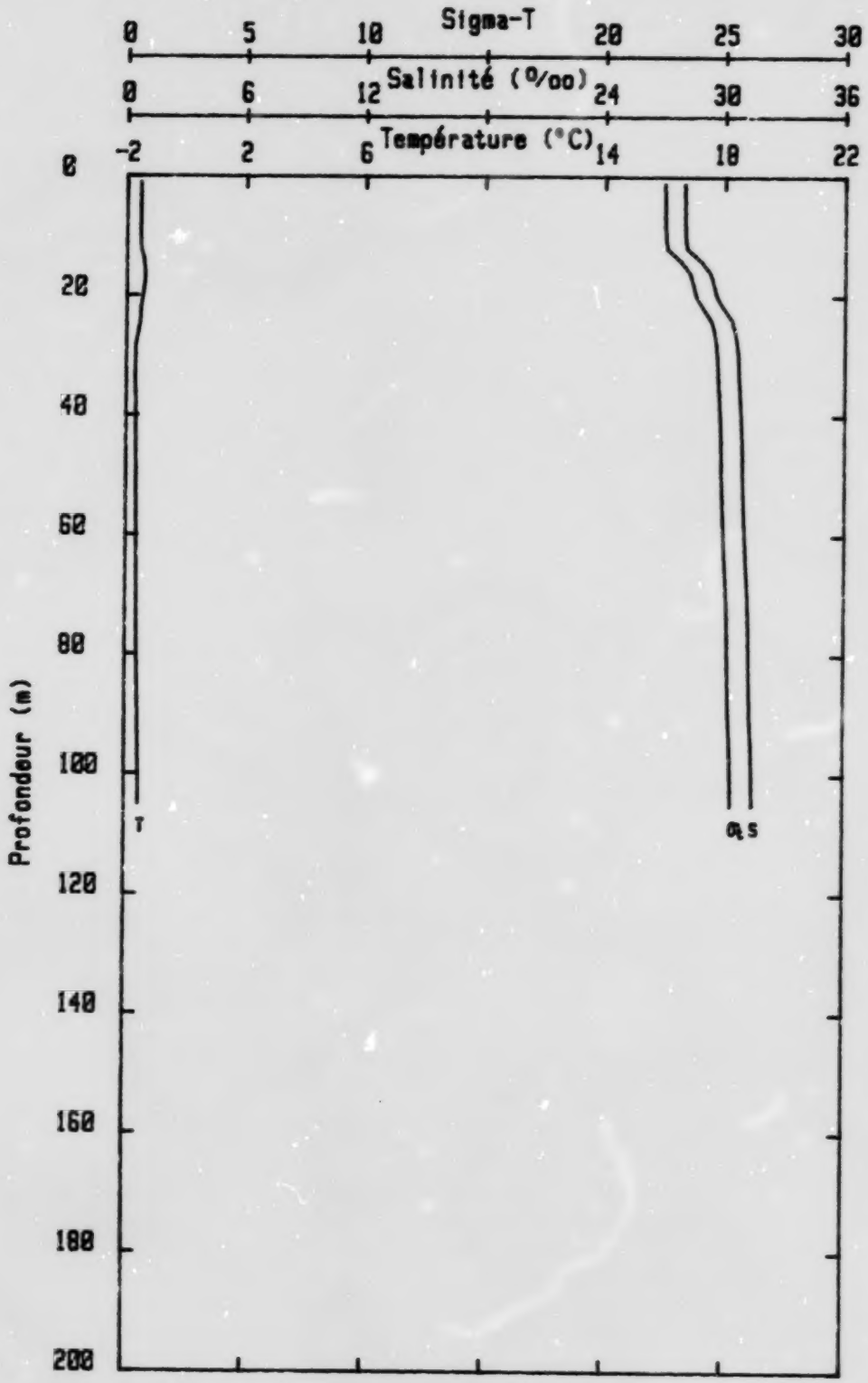


Station	242 1 15	Heure (Gmt)	18h53
Latitude	55°21.7	Date	10-04-1982
Longitude	77°56.1		
Profondeur totale (m)	55.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.25	-1.536	27.784	22.34	1432.1
2.05	-1.539	27.788	22.34	1432.0
3.03	-1.540	27.795	22.35	1431.9
4.11	-1.540	27.801	22.35	1431.8
5.06	-1.538	27.809	22.36	1431.8
6.01	-1.536	27.813	22.36	1431.7
7.09	-1.536	27.817	22.37	1431.6
8.08	-1.535	27.831	22.38	1431.6
9.00	-1.529	27.876	22.42	1431.6
10.09	-1.523	27.947	22.47	1431.6
11.14	-1.492	28.268	22.73	1432.2
12.05	-1.473	28.483	22.91	1432.5
13.00	-1.446	28.735	23.11	1432.9
14.13	-1.435	28.948	23.28	1433.2
16.03	-1.418	29.181	23.47	1433.4
17.08	-1.475	29.350	23.61	1433.3
18.10	-1.525	29.429	23.68	1433.0
19.11	-1.528	29.492	23.73	1433.0
20.09	-1.506	29.602	23.82	1433.2
21.01	-1.479	29.732	23.92	1433.4
22.00	-1.383	29.894	24.05	1434.2
23.06	-1.378	29.997	24.13	1434.3
24.04	-1.416	30.063	24.19	1434.1
25.24	-1.516	30.118	24.23	1433.4
26.03	-1.554	30.160	24.27	1433.2
27.04	-1.625	30.249	24.34	1432.7
28.01	-1.620	30.379	24.45	1432.9
29.00	-1.614	30.447	24.50	1432.9
30.25	-1.602	30.488	24.54	1432.9
31.09	-1.598	30.493	24.54	1432.9
32.10	-1.638	30.513	24.56	1432.6
33.04	-1.619	30.534	24.57	1432.6
34.04	-1.604	30.548	24.58	1432.7
35.01	-1.616	30.565	24.60	1432.5
36.00	-1.619	30.569	24.60	1432.4
37.00	-1.637	30.639	24.66	1432.3
38.05	-1.517	30.696	24.70	1433.2
39.20	-1.497	30.743	24.74	1433.3
40.04	-1.489	30.773	24.76	1433.3
41.09	-1.489	30.777	24.77	1433.2
42.18	-1.494	30.790	24.78	1433.1
43.05	-1.501	30.822	24.80	1433.1
44.11	-1.465	30.844	24.82	1433.3
45.33	-1.481	30.854	24.83	1433.1
46.10	-1.508	30.861	24.84	1432.8
47.06	-1.509	30.860	24.84	1432.7
49.06	-1.533	30.874	24.85	1432.4
50.06	-1.544	30.875	24.85	1432.2
52.10	-1.589	30.905	24.87	1431.7
53.24	-1.623	30.932	24.90	1431.4

Station 243 1 16 Heure (Gmt) 19h22

Prof. totale (m) 110 Date 10-04-1982

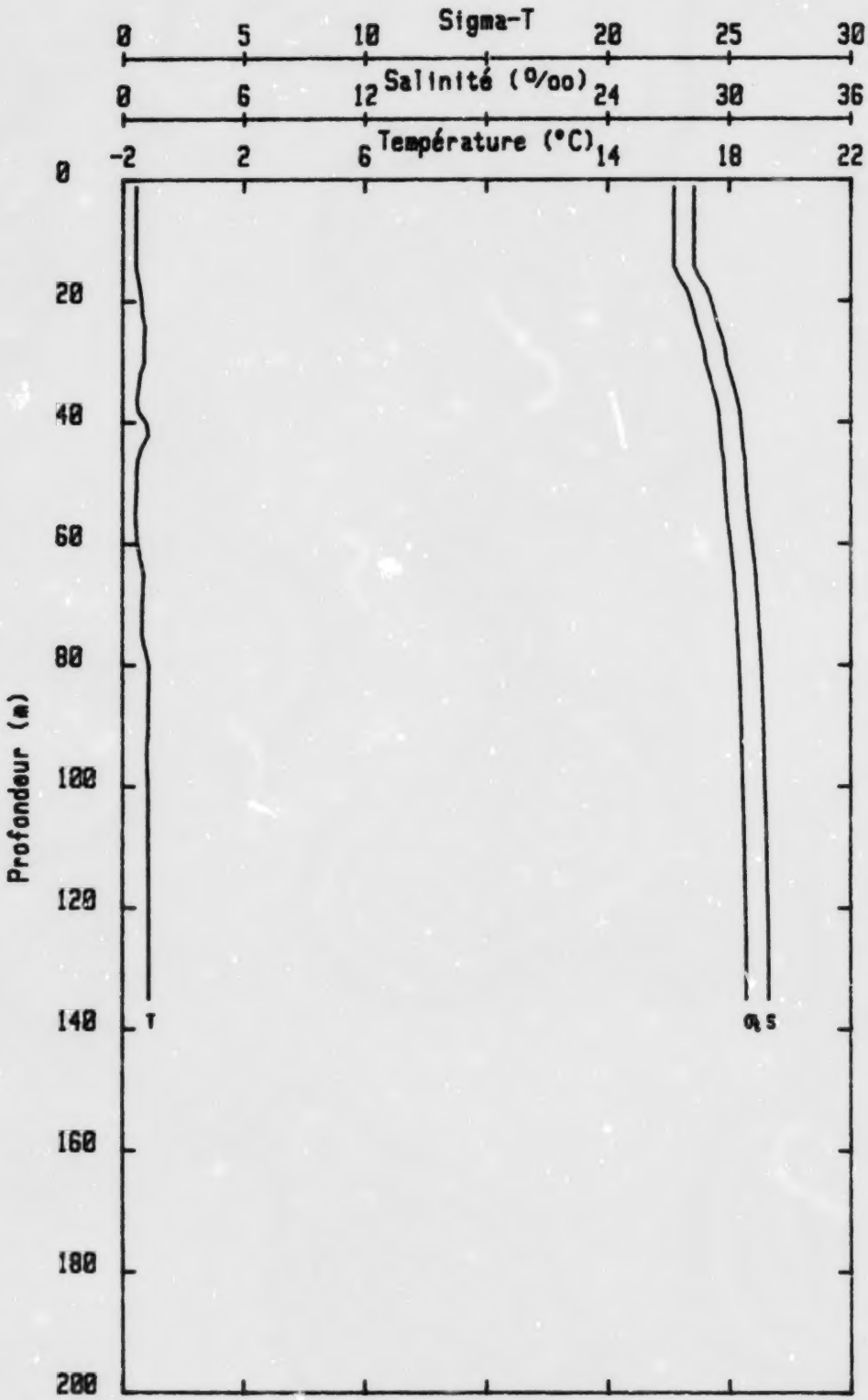


Station	243 1 16	Heure (Gmt)	19h22
Latitude	55°23.3	Date	10-04-1982
Longitude	77°59.0		
Profondeur totale (m)	110.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.548	27.949	22.47	1432.2
2.03	-1.550	27.957	22.48	1432.2
3.05	-1.549	27.963	22.49	1432.1
4.01	-1.548	27.964	22.49	1432.0
5.04	-1.549	27.966	22.49	1431.9
6.10	-1.550	27.968	22.49	1431.8
7.03	-1.551	27.975	22.50	1431.8
8.10	-1.549	27.984	22.50	1431.7
9.26	-1.548	27.993	22.51	1431.6
10.13	-1.546	28.006	22.52	1431.6
12.00	-1.537	28.083	22.58	1431.6
14.05	-1.427	28.787	23.15	1433.0
16.13	-1.386	29.263	23.54	1433.7
18.04	-1.404	29.428	23.67	1433.7
20.04	-1.453	29.585	23.80	1433.5
22.06	-1.521	29.958	24.10	1433.4
24.01	-1.539	30.361	24.43	1433.7
26.06	-1.604	30.528	24.57	1433.3
28.34	-1.688	30.632	24.65	1432.7
30.18	-1.697	30.683	24.70	1432.6
32.24	-1.693	30.707	24.71	1432.4
34.06	-1.706	30.729	24.73	1432.2
36.10	-1.682	30.768	24.76	1432.2
38.30	-1.677	30.794	24.79	1432.1
40.03	-1.676	30.836	24.82	1432.0
42.13	-1.674	30.858	24.84	1431.9
44.04	-1.667	30.879	24.85	1431.8
46.09	-1.664	30.889	24.86	1431.7
48.03	-1.657	30.900	24.87	1431.5
50.00	-1.657	30.908	24.88	1431.4
55.16	-1.647	30.956	24.92	1431.1
60.11	-1.641	31.022	24.97	1430.8
65.10	-1.631	31.093	25.03	1430.5
70.01	-1.620	31.181	25.10	1430.3
75.00	-1.614	31.228	25.14	1430.0
80.13	-1.601	31.259	25.16	1429.7
85.06	-1.582	31.295	25.19	1429.6
90.13	-1.558	31.330	25.22	1429.4
95.04	-1.548	31.404	25.28	1429.2
100.28	-1.526	31.453	25.32	1429.1
105.13	-1.524	31.472	25.33	1428.8

Station 244 1 17 Heure (Gmt) 20h03

Prof. totale (m) 140 Date 10-04-1982

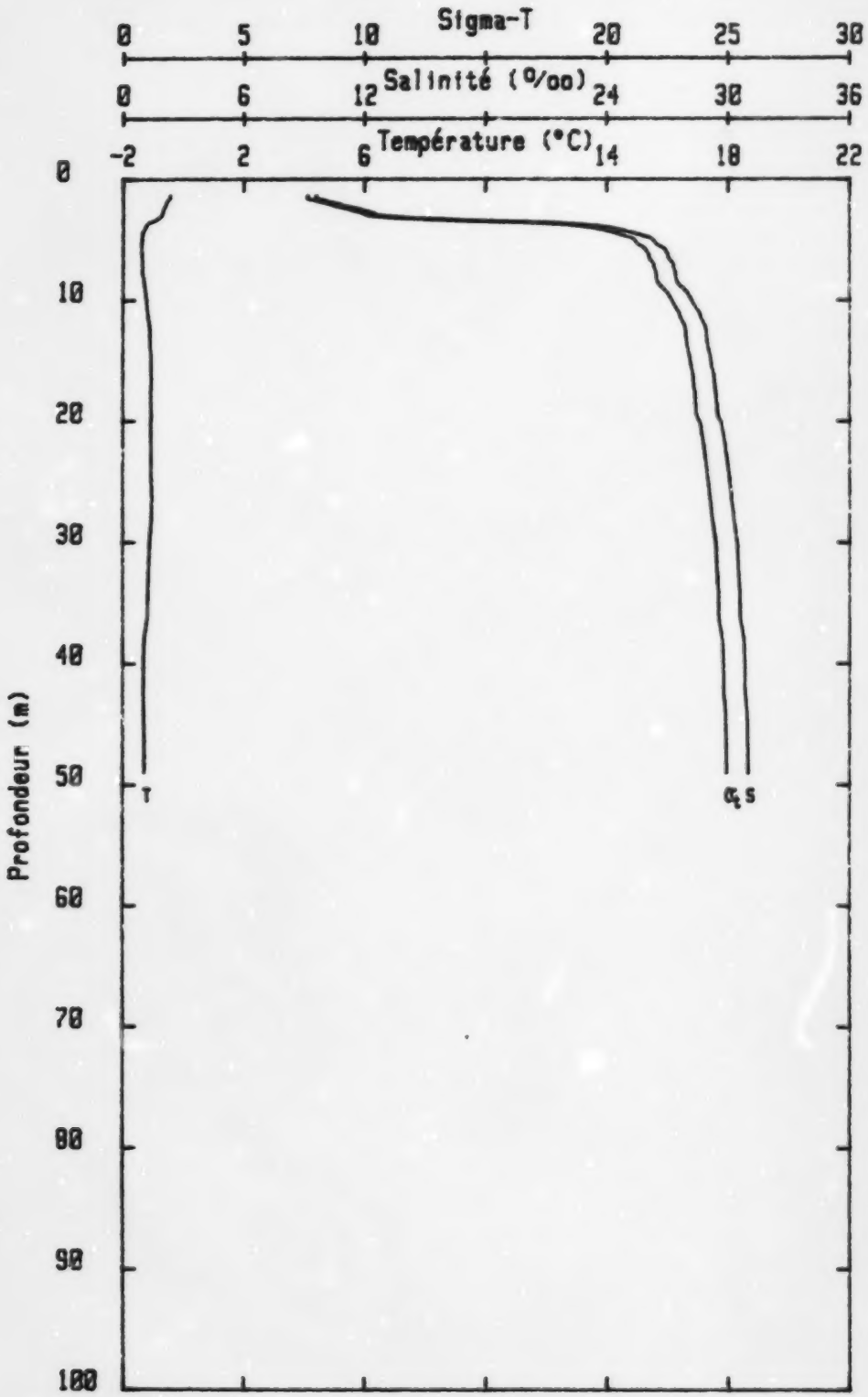


Station	244	1 17	Heure (Gmt)	20h03
Latitude		55°27.8	Date	10-04-1982
Longitude		78° 5.4		
Profondeur totale (m)		140.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.25	-1.561	28.262	22.73	1432.6
2.05	-1.566	28.253	22.72	1432.6
3.00	-1.566	28.251	22.72	1432.6
4.08	-1.566	28.251	22.72	1432.6
5.05	-1.566	28.250	22.72	1432.6
6.01	-1.565	28.255	22.72	1432.7
7.06	-1.565	28.250	22.72	1432.7
8.11	-1.565	28.254	22.72	1432.7
9.20	-1.565	28.253	22.72	1432.7
10.28	-1.566	28.254	22.72	1432.7
12.10	-1.565	28.252	22.72	1432.8
14.18	-1.566	28.251	22.72	1432.8
16.01	-1.500	28.494	22.92	1433.5
18.10	-1.420	28.904	23.25	1434.5
20.18	-1.364	29.129	23.43	1435.1
22.15	-1.344	29.296	23.56	1435.4
24.03	-1.259	29.430	23.67	1436.1
26.09	-1.282	29.644	23.85	1436.3
28.09	-1.284	29.795	23.97	1436.5
30.13	-1.283	29.874	24.03	1436.7
32.08	-1.416	30.055	24.18	1436.3
34.28	-1.467	30.243	24.33	1436.4
36.19	-1.520	30.390	24.45	1436.4
38.13	-1.478	30.524	24.56	1436.8
40.23	-1.197	30.587	24.61	1438.2
42.13	-1.147	30.636	24.65	1438.6
44.20	-1.374	30.683	24.69	1437.6
46.14	-1.493	30.781	24.77	1437.2
48.10	-1.537	30.808	24.79	1437.1
50.14	-1.524	30.839	24.82	1437.2
55.00	-1.579	30.948	24.91	1437.2
60.08	-1.509	31.145	25.07	1437.9
65.00	-1.298	31.315	25.20	1439.2
70.05	-1.357	31.420	25.29	1439.1
75.05	-1.359	31.507	25.36	1439.3
80.05	-1.123	31.600	25.43	1440.6
85.01	-1.143	31.660	25.48	1440.7
90.23	-1.157	31.710	25.52	1440.8
95.28	-1.198	31.743	25.54	1440.7
100.08	-1.153	31.777	25.57	1441.1
105.05	-1.159	31.838	25.62	1441.2
110.05	-1.148	31.869	25.65	1441.4
115.03	-1.142	31.892	25.66	1441.5
120.00	-1.134	31.929	25.69	1441.7
125.20	-1.132	31.953	25.71	1441.8
130.08	-1.132	31.959	25.72	1441.9
135.03	-1.131	31.962	25.72	1442.0

Station 251 1 18 Heure (Gmt) 14h35

Prof. totale (m) 70 Date 11-04-1982

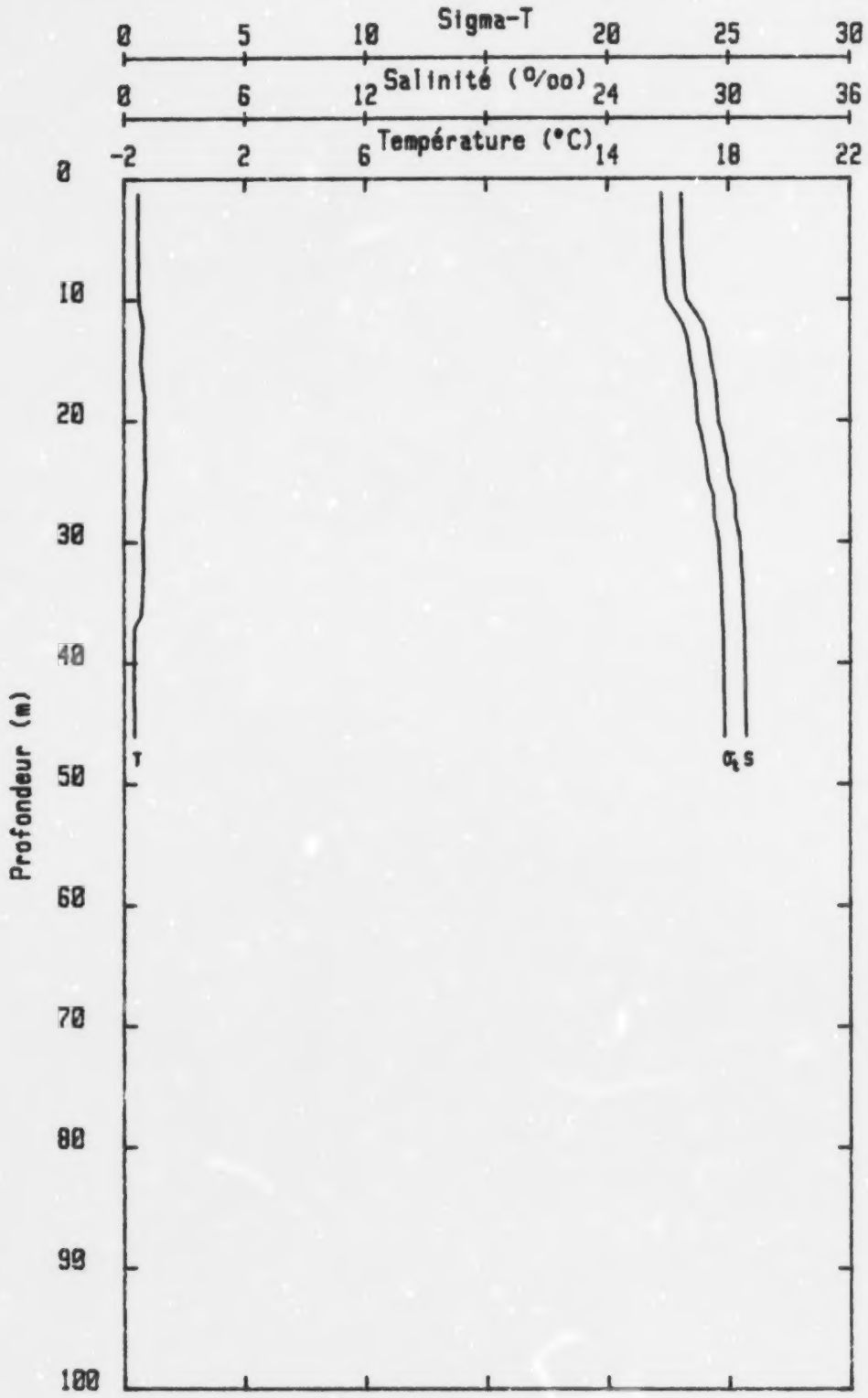


Station	251 1 18	Heure (Gmt)	14h35
Latitude	55°22.4	Date	11-04-1982
Longitude	77°44.9		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.35	-.439	9.592	7.64	1412.8
1.60	-.462	9.567	7.61	1412.6
1.80	-.540	10.062	8.01	1412.9
2.03	-.575	10.677	8.51	1413.5
2.20	-.601	10.931	8.71	1413.7
2.60	-.678	11.981	9.56	1414.8
3.00	-.727	12.680	10.12	1415.5
3.21	-.805	14.242	11.38	1417.2
3.43	-.941	17.344	13.89	1420.7
3.60	-1.137	21.431	17.19	1425.3
3.80	-1.217	23.167	18.60	1427.3
4.00	-1.262	24.210	19.44	1428.5
4.23	-1.315	24.825	19.94	1429.1
4.43	-1.357	25.279	20.31	1429.5
4.60	-1.362	25.651	20.61	1430.0
4.83	-1.369	26.153	21.02	1430.7
5.04	-1.374	26.318	21.15	1430.9
6.00	-1.385	26.940	21.65	1431.7
7.03	-1.366	27.297	21.94	1432.3
8.00	-1.340	27.419	22.04	1432.6
9.01	-1.273	27.801	22.35	1433.5
10.00	-1.221	28.207	22.68	1434.3
11.00	-1.180	28.583	22.98	1435.0
12.09	-1.116	28.873	23.22	1435.8
14.00	-1.085	29.042	23.35	1436.2
16.08	-1.053	29.309	23.57	1436.7
18.05	-1.069	29.428	23.67	1436.9
20.06	-1.074	29.660	23.85	1437.2
22.03	-1.061	29.862	24.02	1437.6
24.09	-1.053	30.027	24.15	1437.9
26.14	-1.036	30.164	24.26	1438.2
28.13	-1.052	30.309	24.38	1438.3
30.05	-1.120	30.460	24.50	1438.3
32.03	-1.145	30.507	24.54	1438.2
34.03	-1.172	30.584	24.61	1438.2
36.14	-1.180	30.600	24.62	1438.3
38.04	-1.295	30.785	24.77	1438.0
40.16	-1.317	30.835	24.81	1438.0
42.06	-1.316	30.843	24.82	1438.1
44.13	-1.303	30.934	24.89	1438.3
46.09	-1.285	30.967	24.92	1438.4
48.01	-1.282	30.981	24.93	1438.5
49.05	-1.282	30.984	24.93	1438.5

Station 252 1 19 Heure (Gmt) 15h06

Prof. totale (m) 50 Date 11-04-1982

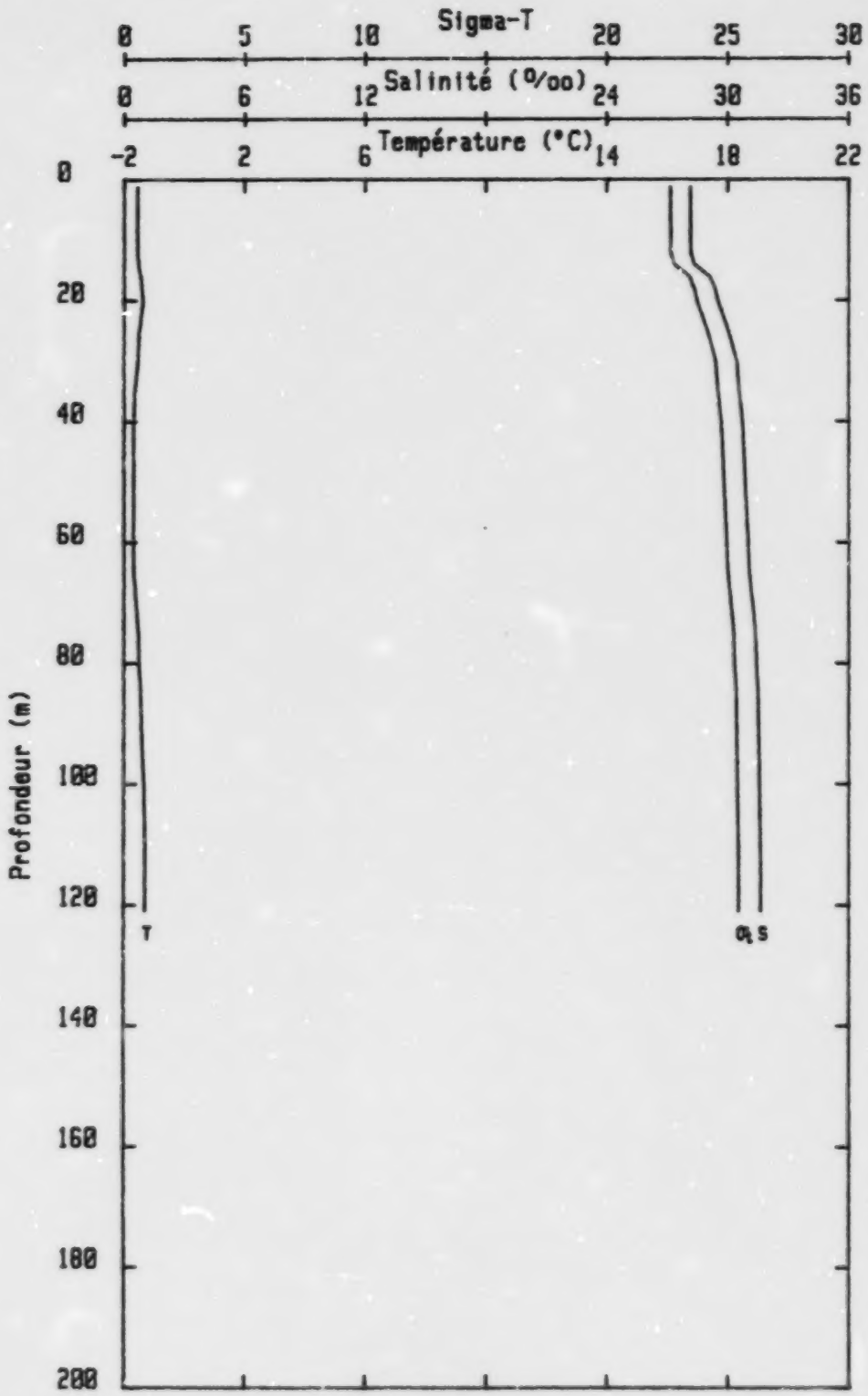


Station	252 1 19	Heure (Gmt)	15h06
Latitude	55°24.6	Date	11-04-1982
Longitude	77°48.6		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.26	-1.531	27.654	22.23	1431.9
2.04	-1.532	27.674	22.25	1432.0
3.00	-1.534	27.685	22.26	1432.0
4.03	-1.534	27.688	22.26	1432.0
5.09	-1.531	27.697	22.27	1432.0
6.13	-1.529	27.716	22.28	1432.1
7.09	-1.520	27.776	22.33	1432.2
8.08	-1.518	27.799	22.35	1432.3
9.01	-1.513	27.816	22.37	1432.4
10.04	-1.502	27.933	22.46	1432.6
11.08	-1.444	28.365	22.81	1433.5
12.04	-1.373	28.741	23.12	1434.4
13.21	-1.392	28.968	23.30	1434.6
14.15	-1.419	29.054	23.37	1434.6
15.03	-1.442	29.125	23.43	1434.6
16.05	-1.399	29.250	23.53	1435.0
17.04	-1.364	29.363	23.62	1435.4
18.06	-1.305	29.411	23.66	1435.7
19.06	-1.302	29.449	23.69	1435.8
20.13	-1.314	29.499	23.73	1435.8
21.09	-1.296	29.682	23.88	1436.2
22.04	-1.316	29.780	23.96	1436.2
23.13	-1.303	29.923	24.07	1436.5
24.08	-1.288	29.964	24.11	1436.7
25.05	-1.300	30.056	24.18	1436.8
26.13	-1.338	30.289	24.37	1436.9
27.13	-1.344	30.321	24.40	1436.9
28.05	-1.347	30.335	24.41	1437.0
29.01	-1.382	30.464	24.51	1437.0
30.00	-1.375	30.567	24.60	1437.2
31.06	-1.365	30.589	24.61	1437.3
32.01	-1.356	30.622	24.64	1437.4
33.09	-1.376	30.678	24.69	1437.4
34.04	-1.384	30.685	24.69	1437.4
35.00	-1.407	30.702	24.71	1437.3
36.11	-1.447	30.732	24.73	1437.2
37.05	-1.654	30.766	24.76	1436.3
38.10	-1.667	30.778	24.77	1436.2
39.04	-1.668	30.789	24.78	1436.3
40.15	-1.674	30.799	24.79	1436.3
41.01	-1.671	30.806	24.80	1436.3
42.13	-1.672	30.815	24.80	1436.3
43.05	-1.678	30.828	24.81	1436.3
44.01	-1.654	30.840	24.82	1436.5
45.05	-1.654	30.852	24.83	1436.5
46.11	-1.651	30.859	24.84	1436.6

Station 253 1 20 Heure (Gmt) 15h35

Prof. totale (m) 130 Date 11-04-1982

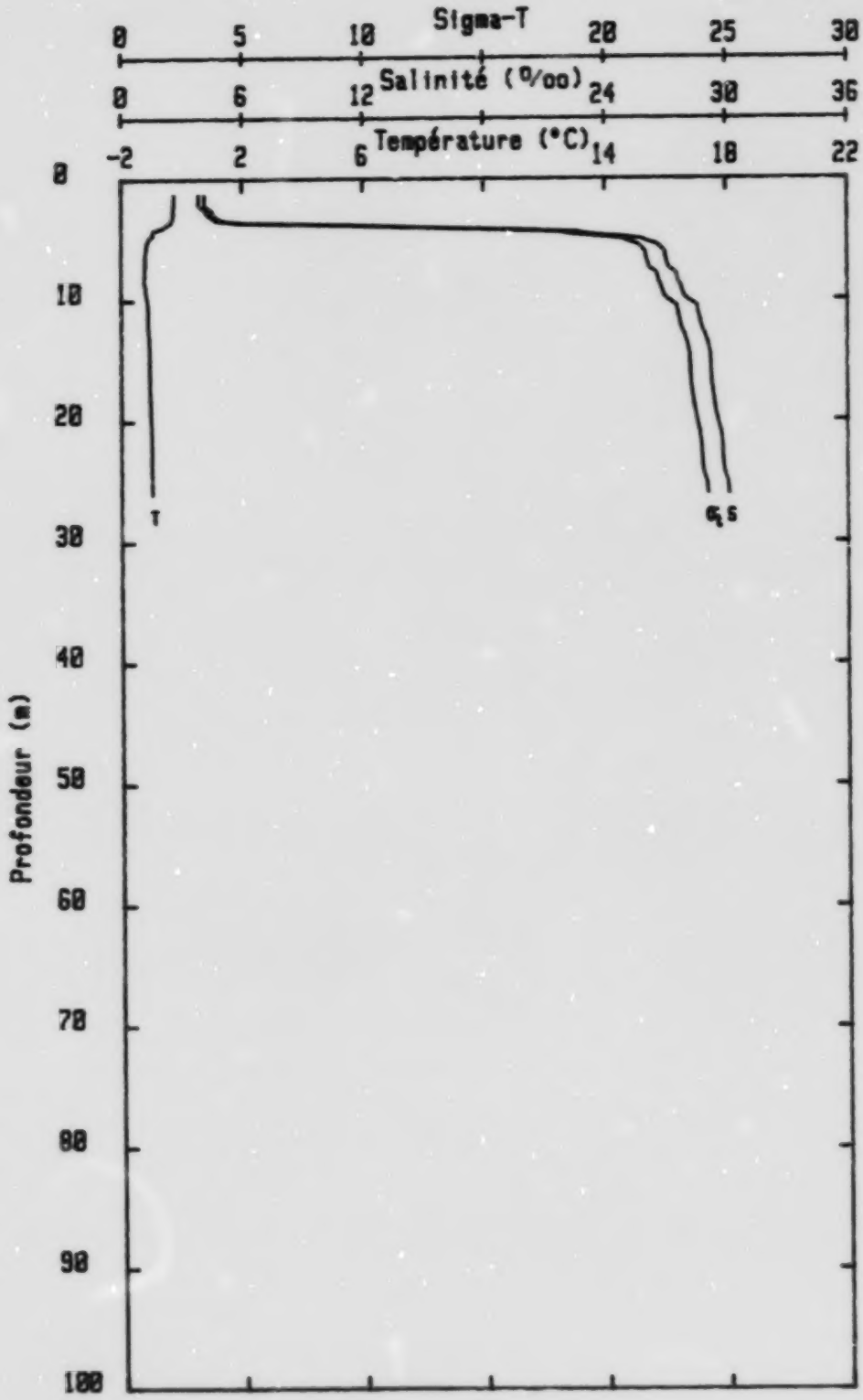


Station	253	1 20	Heure (Gmt)	15h35
Latitude		55°27.1	Date	11-04-1982
Longitude		77°52.0		
Profondeur totale (m)		130.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.34	-1.559	28.148	22.64	1432.5
2.05	-1.561	28.148	22.64	1432.5
3.00	-1.560	28.148	22.64	1432.5
4.00	-1.561	28.147	22.64	1432.5
5.30	-1.561	28.150	22.64	1432.5
6.13	-1.560	28.152	22.64	1432.5
7.01	-1.559	28.150	22.64	1432.6
8.01	-1.558	28.154	22.64	1432.6
9.03	-1.559	28.155	22.64	1432.6
10.10	-1.559	28.158	22.64	1432.6
12.08	-1.557	28.168	22.65	1432.7
14.09	-1.518	28.348	22.80	1433.2
16.10	-1.439	29.114	23.42	1434.6
18.10	-1.403	29.375	23.63	1435.2
20.11	-1.372	29.510	23.74	1435.6
25.25	-1.500	30.051	24.18	1435.8
30.10	-1.540	30.453	24.51	1436.2
35.01	-1.642	30.562	24.60	1436.0
40.14	-1.680	30.729	24.73	1436.1
45.18	-1.674	30.811	24.80	1436.4
50.00	-1.682	30.864	24.84	1436.5
55.19	-1.675	30.941	24.90	1436.7
60.06	-1.691	31.007	24.96	1436.8
65.03	-1.669	31.075	25.01	1437.1
70.26	-1.588	31.245	25.15	1437.8
75.11	-1.514	31.381	25.26	1438.4
80.19	-1.493	31.424	25.29	1438.7
85.01	-1.435	31.513	25.36	1439.1
90.10	-1.414	31.532	25.38	1439.3
95.01	-1.379	31.556	25.40	1439.6
100.06	-1.330	31.580	25.42	1440.0
105.09	-1.303	31.608	25.44	1440.2
110.00	-1.292	31.631	25.46	1440.4
115.08	-1.292	31.640	25.46	1440.5
120.11	-1.293	31.642	25.47	1440.6
121.00	-1.293	31.641	25.47	1440.6

Station 261 1 21 Heure (Gmt) 16h05

Prof. totale (m) 30 Date 11-04-1982

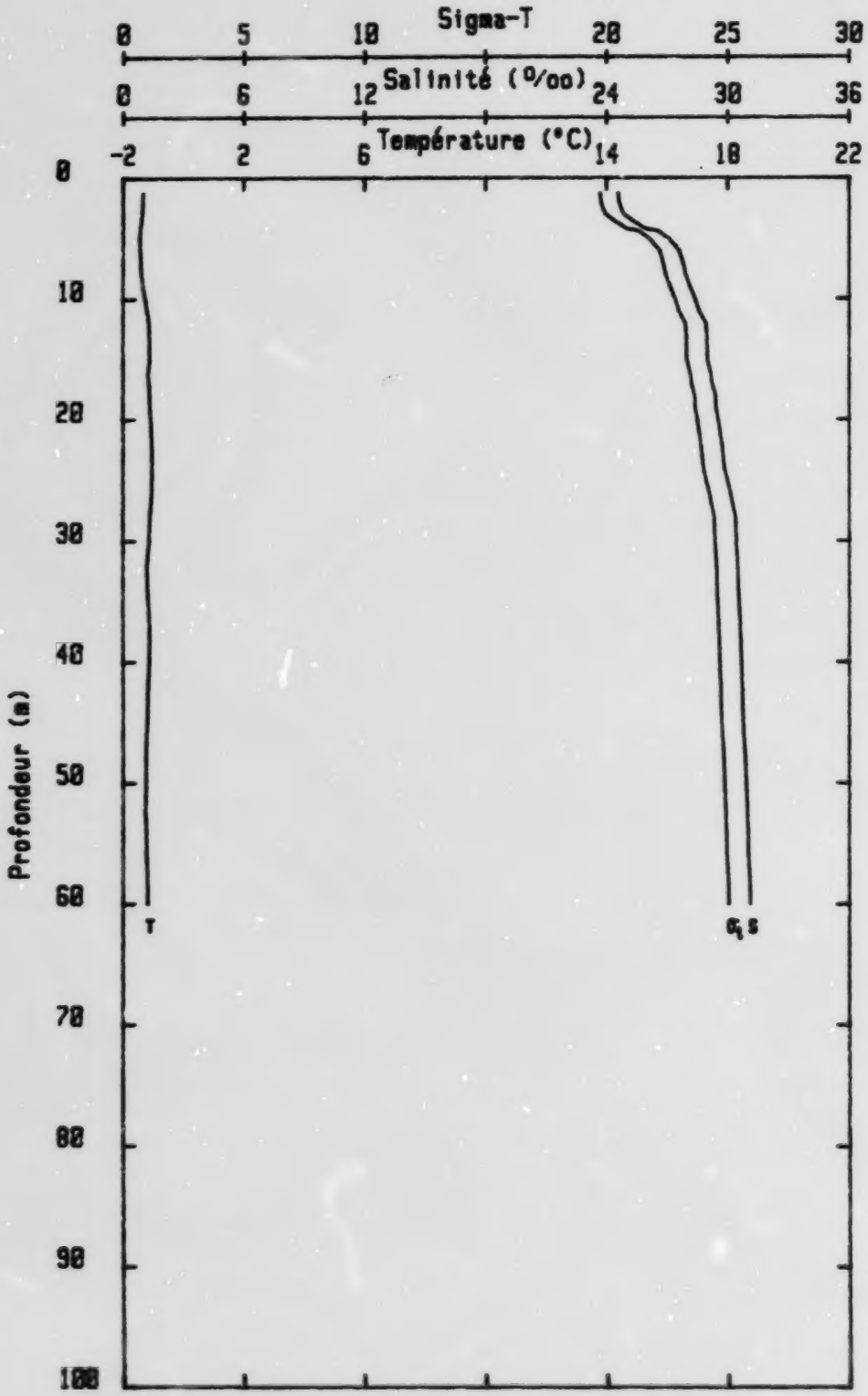


Station	261 1 21	Heure (Gmt)	16h05
Latitude	55°25.5	Date	11-04-1982
Longitude	77°39.0		
Profondeur totale (m)	30.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.30	-.240	4.131	3.22	1406.6
2.01	-.253	4.108	3.20	1406.5
3.04	-.282	4.665	3.65	1407.1
3.40	-.332	4.970	3.90	1407.3
3.61	-.371	6.130	4.84	1408.6
3.84	-.537	12.018	9.59	1415.5
4.00	-.634	14.936	11.95	1418.9
4.21	-.922	19.558	15.68	1423.8
4.40	-.944	22.600	18.14	1427.8
4.61	-.959	23.298	18.70	1428.7
4.83	-1.047	24.956	20.05	1430.6
5.00	-1.107	25.841	20.76	1431.5
5.21	-1.144	26.145	21.01	1431.7
5.43	-1.162	26.590	21.37	1432.3
5.64	-1.166	26.749	21.50	1432.5
5.91	-1.181	26.904	21.62	1432.6
6.26	-1.205	27.003	21.70	1432.7
7.05	-1.213	27.096	21.78	1432.8
8.01	-1.231	27.581	22.17	1433.4
9.13	-1.190	27.817	22.36	1433.9
9.86	-1.145	28.042	22.55	1434.4
10.01	-1.129	28.127	22.61	1434.6
11.11	-1.114	28.644	23.03	1435.4
12.08	-1.110	28.766	23.13	1435.6
13.08	-1.080	29.018	23.33	1436.2
14.01	-1.067	29.167	23.45	1436.4
15.10	-1.059	29.245	23.52	1436.6
16.18	-1.055	29.275	23.54	1436.7
17.04	-1.051	29.304	23.57	1436.8
18.05	-1.040	29.392	23.64	1436.9
19.15	-1.025	29.501	23.72	1437.2
20.13	-1.011	29.617	23.82	1437.4
21.01	-.998	29.750	23.93	1437.7
22.13	-.996	29.815	23.98	1437.8
23.00	-.999	29.849	24.01	1437.9
24.06	-1.000	29.897	24.04	1437.9
25.15	-.986	30.100	24.21	1438.3
26.01	-.984	30.132	24.23	1438.4

Station 262 1 22 Heure (Gmt) 19h55

Prof. totale (m) 65 Date 11-04-1982

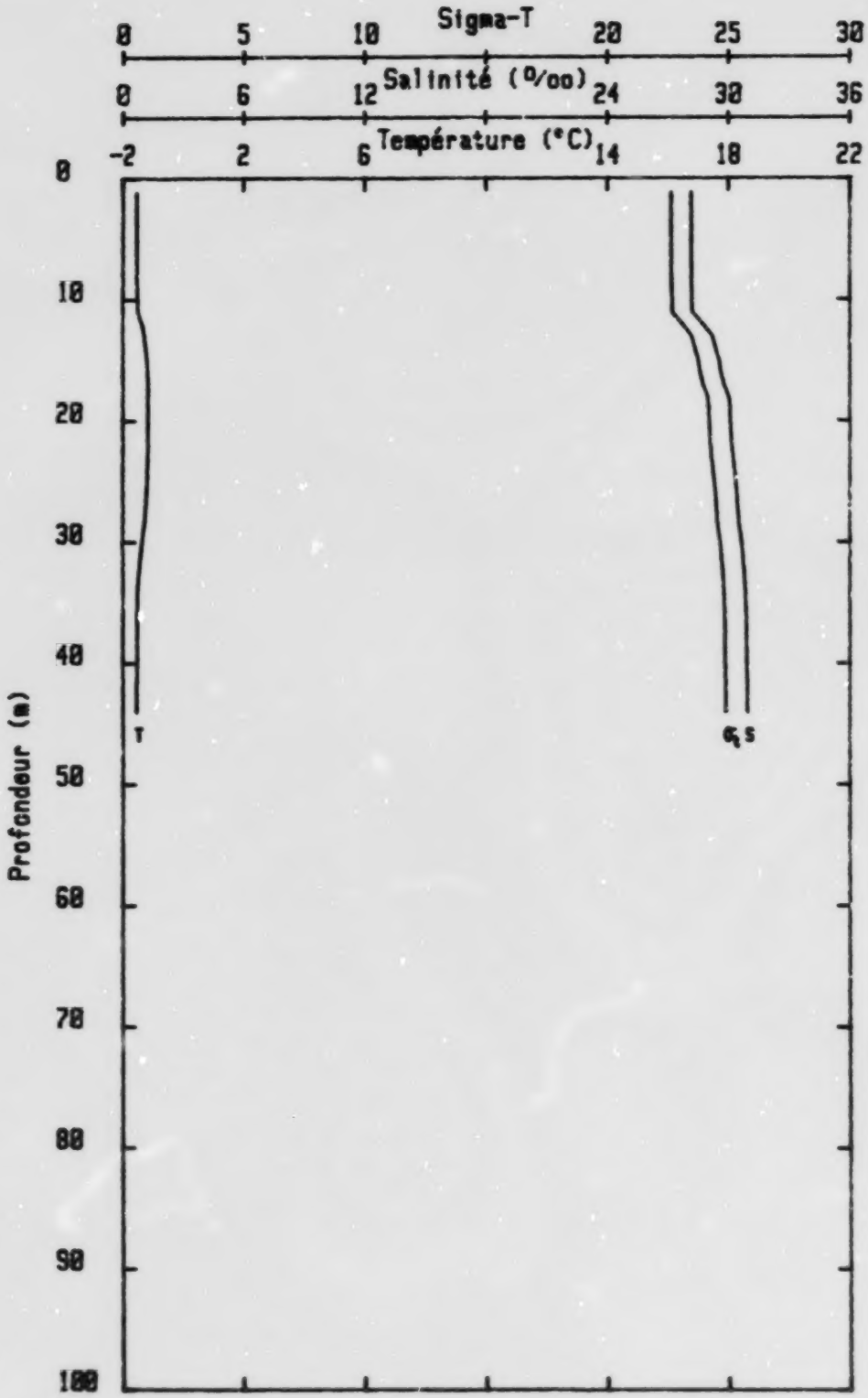


Station	262 1 22	Heure (Gmt)	19h55
Latitude	55°27.0	Date	11-04-1982
Longitude	77°41.2		
Profondeur totale (m)	65.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.26	-1.336	24.581	19.74	1428.6
2.00	-1.351	24.612	19.77	1428.6
2.61	-1.361	24.737	19.87	1428.7
3.00	-1.374	24.847	19.96	1428.8
3.60	-1.402	25.357	20.37	1429.4
4.21	-1.425	25.938	20.84	1430.1
4.40	-1.437	26.559	21.35	1430.9
5.06	-1.453	27.096	21.78	1431.6
6.05	-1.426	27.618	22.20	1432.4
7.08	-1.408	27.791	22.34	1432.8
8.03	-1.386	27.923	22.45	1433.1
9.01	-1.335	28.135	22.62	1433.7
10.05	-1.256	28.390	22.83	1434.4
11.01	-1.200	28.576	22.98	1434.9
12.08	-1.131	28.917	23.25	1435.8
13.04	-1.127	28.963	23.29	1435.9
14.03	-1.121	28.977	23.30	1435.9
15.05	-1.110	28.999	23.32	1436.0
16.10	-1.172	29.148	23.44	1435.9
17.06	-1.131	29.237	23.51	1436.3
18.05	-1.109	29.391	23.64	1436.6
19.00	-1.107	29.404	23.65	1436.7
20.03	-1.070	29.529	23.75	1437.0
22.14	-1.034	29.712	23.90	1437.5
24.13	-1.030	29.840	24.00	1437.7
26.05	-1.044	30.131	24.23	1438.1
28.08	-1.105	30.374	24.43	1438.2
30.03	-1.134	30.420	24.47	1438.1
32.05	-1.205	30.490	24.53	1437.9
34.11	-1.182	30.524	24.56	1438.1
36.04	-1.134	30.587	24.61	1438.5
38.04	-1.111	30.637	24.65	1438.7
40.01	-1.130	30.672	24.68	1438.7
42.08	-1.166	30.720	24.72	1438.6
44.08	-1.178	30.746	24.74	1438.6
46.09	-1.214	30.794	24.78	1438.5
48.00	-1.235	30.873	24.84	1438.6
50.04	-1.237	30.906	24.87	1438.6
52.03	-1.255	30.963	24.91	1438.7
54.08	-1.219	31.000	24.94	1438.9
56.06	-1.215	31.022	24.96	1439.0
58.09	-1.182	31.098	25.02	1439.3
60.00	-1.176	31.114	25.04	1439.4

Station 263 1 23 Heure (Gmt) 20h20

Prof. totale (m) 45 Date 11-04-1982

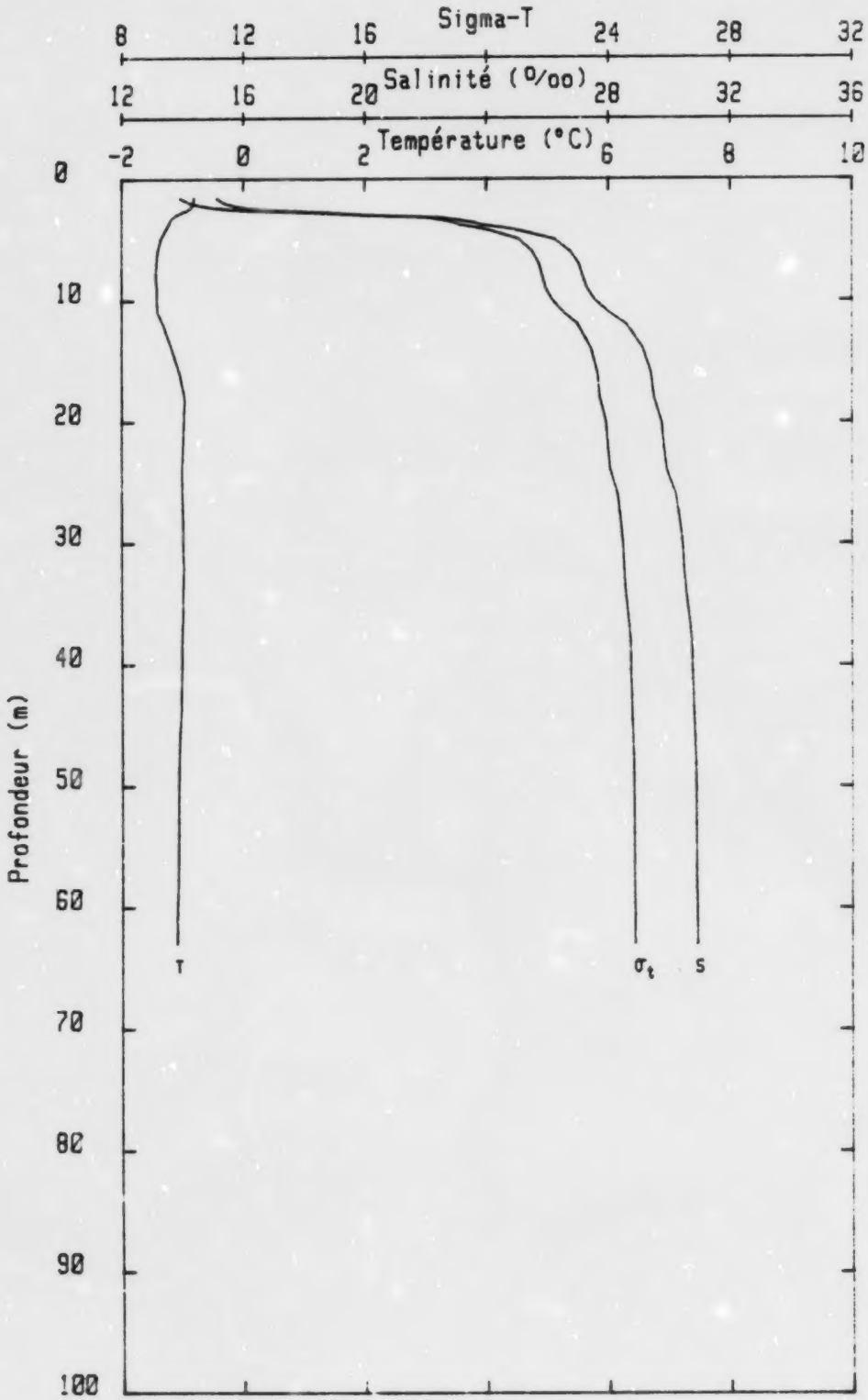


Station	263 1 23	Heure (Gmt)	20h20
Latitude	55°28.4	Date	11-04-1982
Longitude	77°43.1		
Profondeur totale (m)	45.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.19	-1.538	28.156	22.64	1432.6
2.03	-1.539	28.158	22.64	1432.6
3.00	-1.539	28.159	22.64	1432.6
4.03	-1.540	28.160	22.65	1432.6
5.06	-1.536	28.162	22.65	1432.7
6.09	-1.536	28.164	22.65	1432.7
7.06	-1.533	28.169	22.65	1432.7
8.06	-1.533	28.170	22.65	1432.7
9.04	-1.525	28.193	22.67	1432.8
10.00	-1.510	28.210	22.69	1432.9
11.09	-1.494	28.222	22.70	1433.0
12.11	-1.349	28.768	23.14	1434.5
13.03	-1.278	29.213	23.50	1435.5
14.16	-1.229	29.386	23.64	1436.0
15.13	-1.194	29.565	23.78	1436.4
16.03	-1.177	29.643	23.84	1436.6
17.06	-1.151	29.790	23.96	1437.0
18.10	-1.165	30.036	24.16	1437.3
19.03	-1.164	30.074	24.19	1437.3
20.08	-1.168	30.105	24.22	1437.4
22.00	-1.162	30.171	24.27	1437.5
24.05	-1.178	30.300	24.37	1437.7
26.14	-1.220	30.430	24.48	1437.7
28.20	-1.275	30.500	24.54	1437.5
30.05	-1.369	30.651	24.66	1437.3
32.10	-1.456	30.762	24.76	1437.1
34.13	-1.521	30.838	24.82	1436.9
36.10	-1.523	30.889	24.86	1437.0
38.00	-1.524	30.897	24.87	1437.1
40.05	-1.532	30.916	24.88	1437.1
42.04	-1.544	30.934	24.90	1437.1
44.09	-1.547	30.936	24.90	1437.1

Station 271 1 24 Heure (Gmt) 21h05

Prof. totale (m) 65 Date 11-04-1982

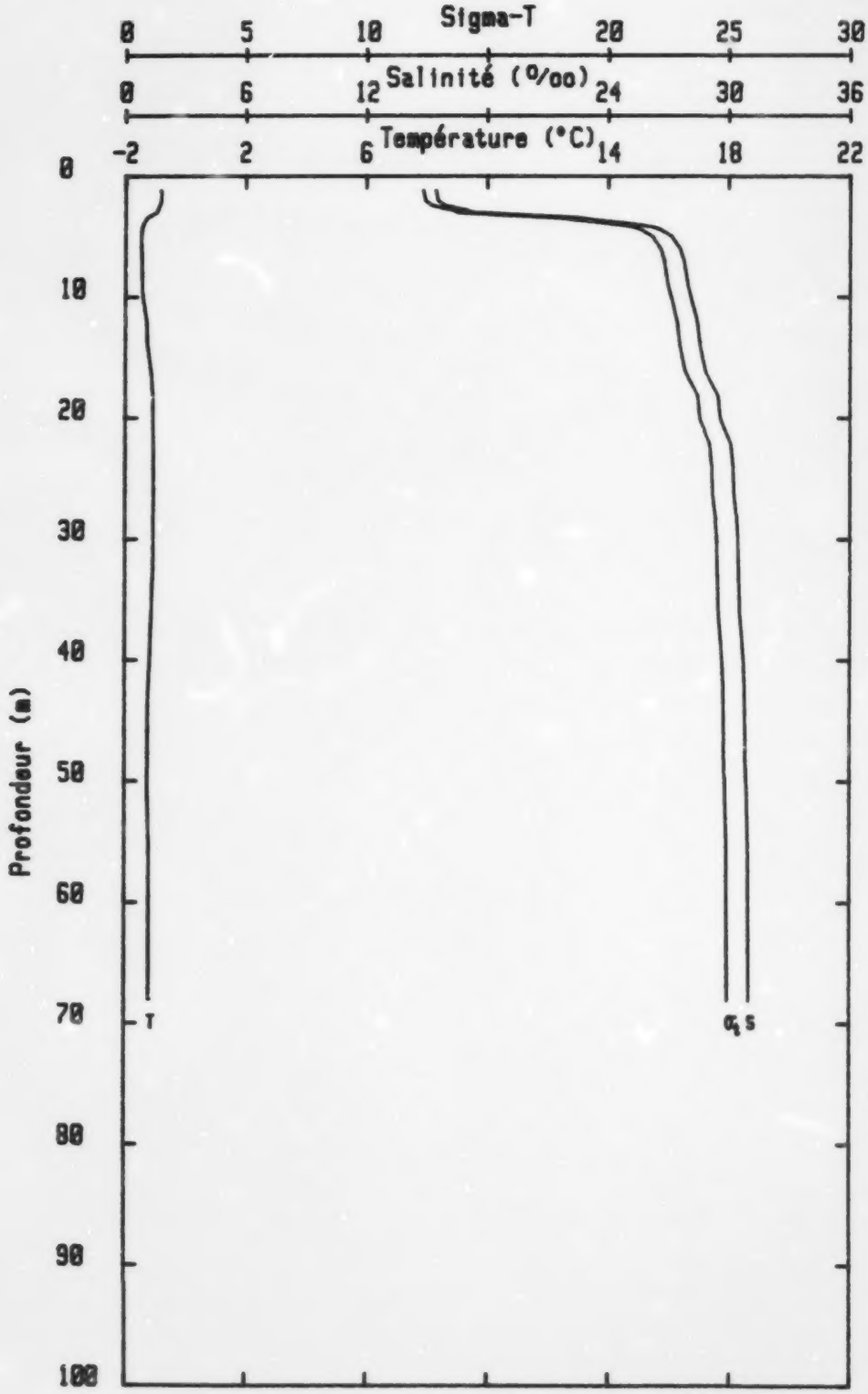


Station	271 1 24	Heure (Gmt)	21h05
Latitude	55°29.4	Date	11-04-1982
Longitude	77°31.6		
Profondeur totale (m)	65.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.60	-.811	13.930	11.13	1416.9
2.00	-.822	14.228	11.37	1417.3
2.23	-.843	14.625	11.69	1417.7
2.40	-.865	15.057	12.04	1418.1
2.60	-.915	15.980	12.79	1419.1
2.80	-1.022	18.380	14.73	1421.8
3.01	-1.106	19.933	15.98	1423.5
3.21	-1.159	22.463	18.03	1426.6
3.41	-1.192	23.030	18.49	1427.2
3.61	-1.216	23.578	18.93	1427.8
3.81	-1.231	23.830	19.13	1428.0
4.04	-1.257	24.528	19.70	1428.8
4.20	-1.276	24.891	19.99	1429.2
4.40	-1.295	25.249	20.28	1429.6
5.01	-1.360	26.225	21.07	1430.5
6.06	-1.412	26.775	21.52	1430.9
7.08	-1.431	27.043	21.74	1431.1
8.03	-1.441	27.167	21.84	1431.2
9.04	-1.420	27.307	21.95	1431.4
10.01	-1.420	27.560	22.16	1431.7
11.00	-1.410	28.001	22.52	1432.3
12.04	-1.315	28.602	23.00	1433.5
14.00	-1.177	29.141	23.44	1434.9
16.06	-1.045	29.417	23.66	1435.9
18.06	-.965	29.502	23.72	1436.4
20.03	-.979	29.748	23.92	1436.5
22.06	-.995	29.830	23.99	1436.5
24.04	-1.014	29.925	24.07	1436.4
26.03	-1.005	30.222	24.31	1436.8
28.06	-.994	30.344	24.41	1436.9
30.11	-.992	30.443	24.49	1436.9
32.03	-.980	30.485	24.52	1437.0
34.06	-.993	30.555	24.58	1436.9
36.00	-.995	30.653	24.66	1436.9
38.00	-1.013	30.742	24.73	1436.8
40.66	-1.015	30.762	24.75	1436.7
42.06	-1.022	30.788	24.77	1436.6
44.04	-1.031	30.806	24.78	1436.5
46.03	-1.055	30.842	24.81	1436.3
48.00	-1.064	30.865	24.83	1436.1
50.09	-1.072	30.875	24.84	1436.0
54.04	-1.076	30.883	24.85	1435.7
58.15	-1.082	30.895	24.85	1435.5
60.01	-1.096	30.915	24.87	1435.3
62.00	-1.097	30.920	24.88	1435.2
63.00	-1.098	30.922	24.88	1435.1

Station 272 1 25 Heure (Gmt) 14h35

Prof. totale (m) 70 Date 12-04-1982

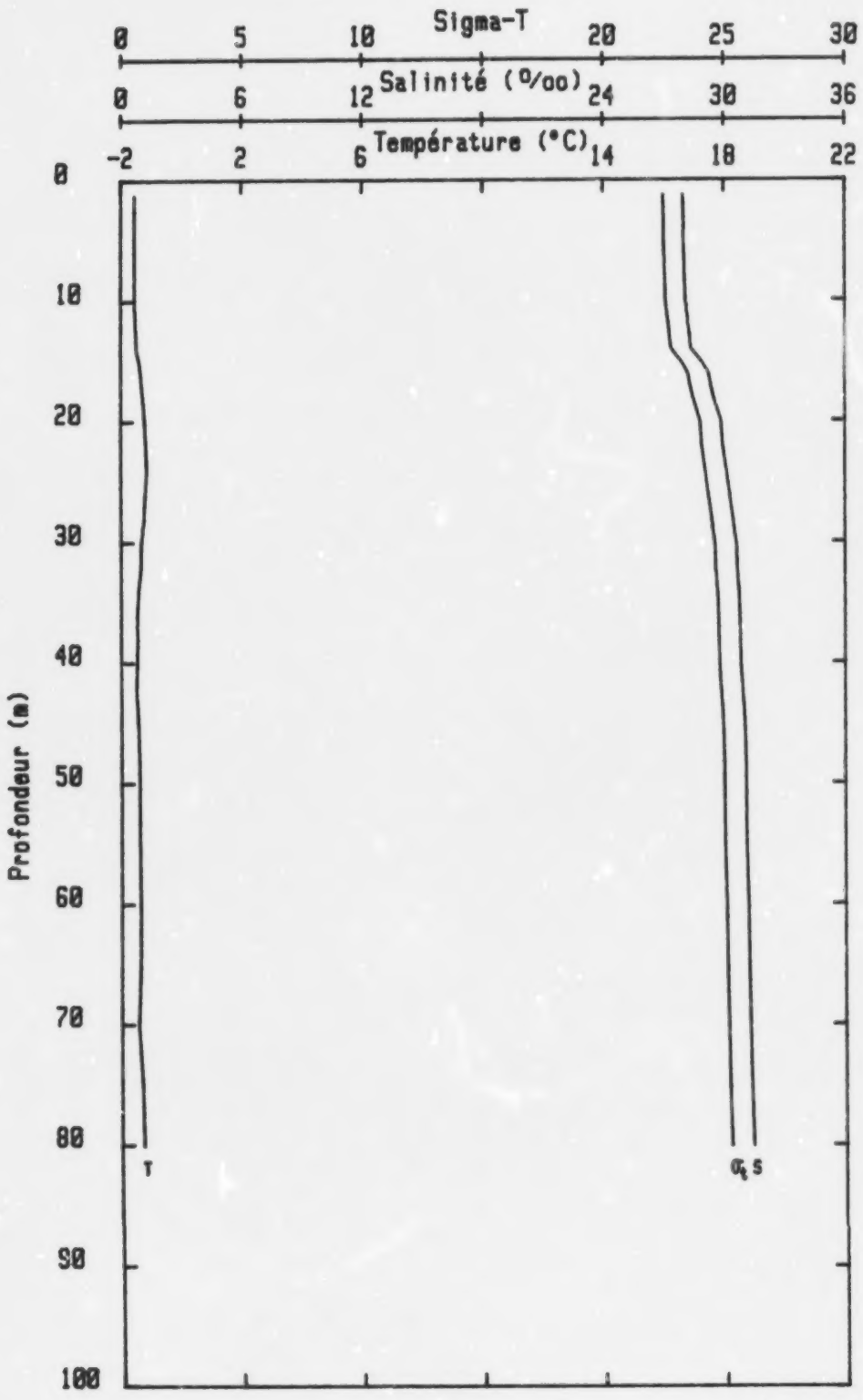


Station	272	1 25	Heure (Gmt)	14h35
Latitude		55°30.5	Date	12-04-1982
Longitude		77°33.2		
Profondeur totale (m)		70.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.823	15.439	12.35	1418.7
1.23	-.822	15.440	12.35	1418.7
2.03	-.823	15.529	12.42	1418.8
2.40	-.864	15.833	12.67	1419.0
2.60	-.904	16.327	13.07	1419.5
2.81	-.940	16.925	13.55	1420.1
3.00	-.965	17.214	13.78	1420.4
3.21	-1.121	19.530	15.65	1422.8
3.45	-1.286	22.570	18.11	1426.1
3.60	-1.327	23.117	18.56	1426.7
3.85	-1.389	24.570	19.73	1428.4
4.00	-1.416	25.378	20.39	1429.4
4.21	-1.450	26.188	21.05	1430.3
4.41	-1.461	26.562	21.35	1430.8
5.00	-1.473	27.140	21.82	1431.5
6.06	-1.471	27.578	22.17	1432.2
7.00	-1.455	27.749	22.31	1432.5
8.00	-1.451	27.846	22.39	1432.7
9.00	-1.448	27.947	22.47	1432.9
10.04	-1.418	28.113	22.61	1433.2
12.08	-1.287	28.417	22.85	1434.3
14.01	-1.259	28.556	22.96	1434.7
16.15	-1.143	28.831	23.18	1435.6
18.13	-1.077	29.462	23.69	1436.9
20.10	-1.076	29.594	23.80	1437.1
22.13	-1.053	30.097	24.21	1437.9
24.06	-1.056	30.214	24.30	1438.1
26.09	-1.048	30.248	24.33	1438.2
28.08	-1.054	30.392	24.45	1438.4
30.15	-1.060	30.462	24.50	1438.5
32.09	-1.063	30.491	24.53	1438.6
34.00	-1.096	30.528	24.56	1438.5
36.00	-1.110	30.554	24.58	1438.5
38.19	-1.150	30.669	24.67	1438.5
40.01	-1.165	30.751	24.74	1438.6
42.05	-1.203	30.806	24.79	1438.5
44.08	-1.231	30.822	24.80	1438.5
46.03	-1.231	30.847	24.82	1438.5
48.10	-1.229	30.855	24.83	1438.6
50.20	-1.246	30.911	24.87	1438.6
55.08	-1.188	30.983	24.93	1439.1
60.00	-1.186	30.995	24.94	1439.2
65.09	-1.183	31.010	24.95	1439.3
68.06	-1.184	31.013	24.95	1439.3

Station 273 1 26 Heure (Gmt) 15h15

Prof. totale (m) 85 Date 12-04-1982

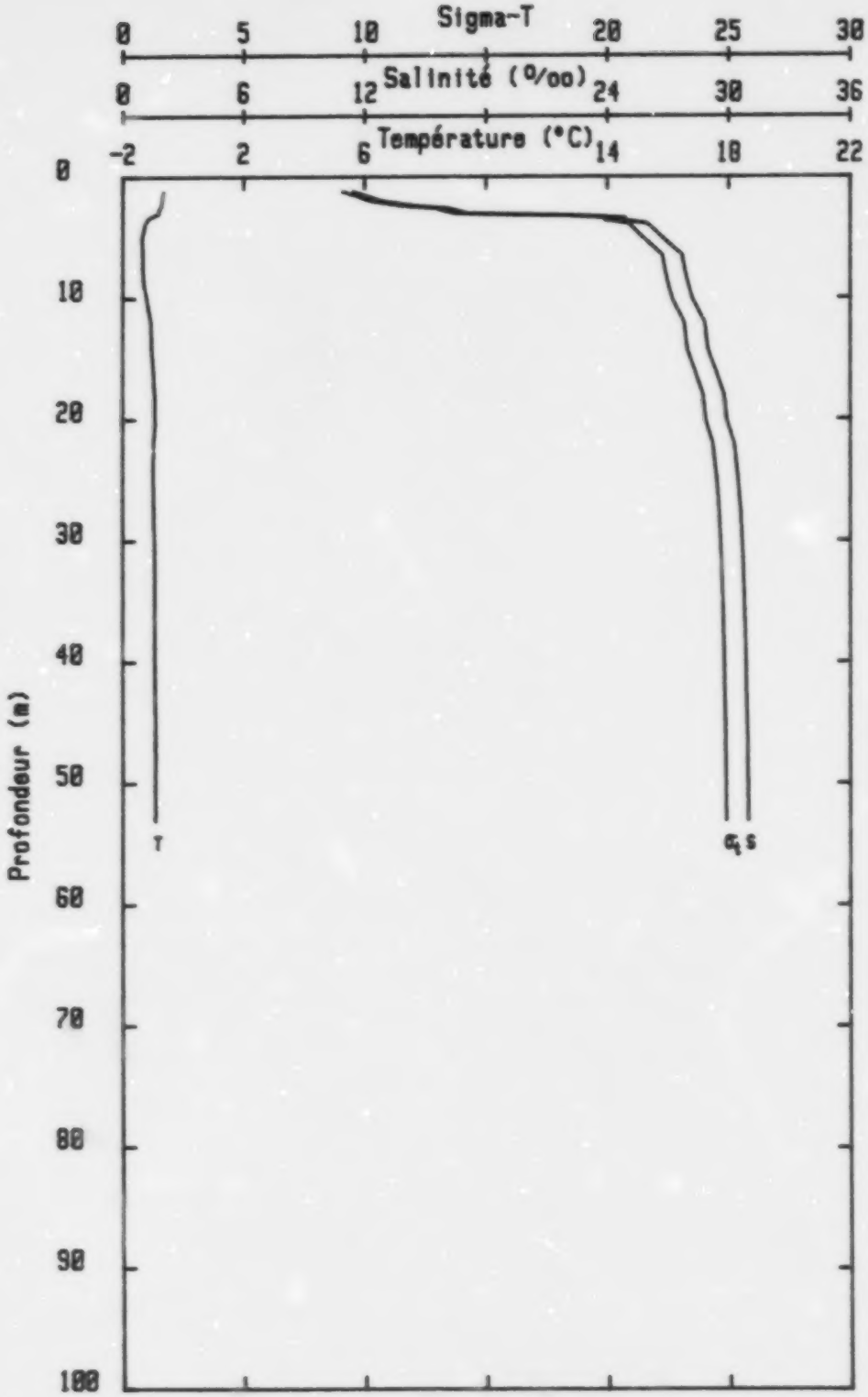


Station	273	1 26	Heure (Gmt)	15h15
Latitude		55°31.8	Date	12-04-1982
Longitude		77°34.5		
Profondeur totale (m)		85.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.29	-1.543	27.973	22.49	1432.3
2.03	-1.544	27.993	22.51	1432.3
3.05	-1.543	28.007	22.52	1432.4
4.04	-1.544	28.010	22.52	1432.4
5.03	-1.546	28.014	22.53	1432.4
6.00	-1.547	28.026	22.54	1432.4
7.08	-1.545	28.053	22.56	1432.5
8.03	-1.542	28.065	22.57	1432.5
9.10	-1.538	28.089	22.59	1432.6
10.03	-1.538	28.099	22.60	1432.6
12.00	-1.507	28.252	22.72	1433.0
13.04	-1.490	28.320	22.77	1433.2
14.06	-1.474	28.387	22.83	1433.4
15.20	-1.379	28.936	23.27	1434.7
16.10	-1.336	29.255	23.53	1435.3
17.06	-1.306	29.359	23.62	1435.6
18.08	-1.262	29.500	23.73	1436.0
20.09	-1.205	29.874	24.03	1436.9
22.05	-1.166	29.947	24.09	1437.2
24.05	-1.137	30.122	24.23	1437.6
26.03	-1.196	30.283	24.36	1437.6
28.00	-1.234	30.445	24.49	1437.7
30.26	-1.332	30.621	24.64	1437.5
32.10	-1.340	30.649	24.66	1437.5
34.08	-1.426	30.741	24.74	1437.3
36.10	-1.467	30.788	24.78	1437.2
38.13	-1.455	30.808	24.79	1437.3
40.23	-1.478	30.842	24.82	1437.3
42.11	-1.499	30.909	24.88	1437.3
44.08	-1.457	30.991	24.94	1437.6
46.08	-1.425	31.040	24.98	1437.9
48.11	-1.407	31.063	25.00	1438.0
50.05	-1.399	31.077	25.01	1438.1
55.05	-1.392	31.105	25.03	1438.3
60.09	-1.368	31.181	25.09	1438.6
65.05	-1.371	31.216	25.12	1438.7
70.03	-1.437	31.263	25.16	1438.5
75.00	-1.307	31.318	25.20	1439.3
80.09	-1.259	31.416	25.28	1439.8

Station 282 1 27 Heure (Gmt) 15h55

Prof. totale (m) 55 Date 12-04-1982

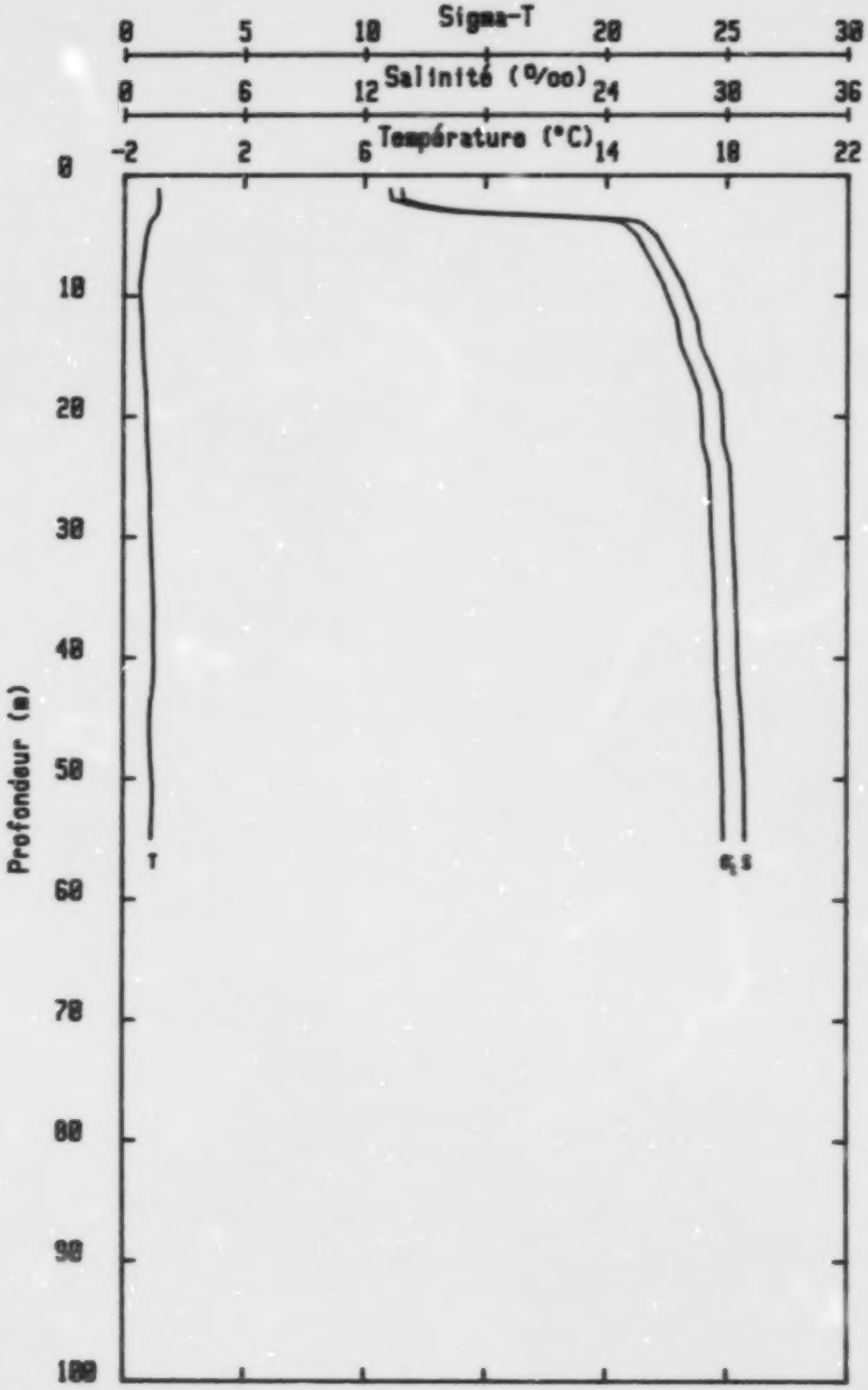


Station	282 1 27	Heure (Gmt)	15h55
Latitude	55°33.9	Date	12-04-1982
Longitude	77°24.1		
Profondeur totale (m)	55.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.24	-.640	11.446	9.13	1414.2
2.04	-.701	12.902	10.30	1415.9
2.41	-.728	14.502	11.60	1417.9
2.61	-.778	16.162	12.94	1419.9
2.81	-.804	16.555	13.25	1420.3
3.04	-.823	17.164	13.75	1421.0
3.23	-1.004	22.628	18.16	1427.5
3.41	-1.134	24.884	19.99	1430.0
3.61	-1.200	24.818	19.93	1429.6
3.85	-1.256	25.943	20.85	1430.9
4.05	-1.276	26.095	20.97	1431.0
5.01	-1.365	26.690	21.45	1431.4
6.50	-1.337	27.706	22.27	1433.0
7.50	-1.339	27.804	22.35	1433.1
9.05	-1.286	28.031	22.54	1433.7
10.08	-1.195	28.205	22.68	1434.4
12.04	-1.058	28.813	23.17	1436.0
14.29	-1.032	28.978	23.30	1436.3
16.19	-.977	29.394	23.64	1437.2
18.01	-.935	29.777	23.95	1438.0
20.13	-.925	29.912	24.06	1438.2
22.01	-.970	30.268	24.34	1438.6
24.11	-.990	30.413	24.46	1438.7
26.15	-.977	30.528	24.56	1439.0
28.10	-.964	30.607	24.62	1439.2
30.13	-.946	30.663	24.66	1439.4
32.04	-.935	30.722	24.71	1439.5
34.03	-.935	30.753	24.74	1439.6
36.28	-.935	30.797	24.77	1439.7
38.08	-.939	30.830	24.80	1439.7
40.14	-.933	30.862	24.82	1439.9
42.08	-.928	30.880	24.84	1439.9
44.13	-.922	30.906	24.86	1440.0
46.01	-.917	30.935	24.88	1440.1
48.06	-.915	30.941	24.89	1440.2
50.00	-.914	30.960	24.90	1440.2
52.06	-.912	30.962	24.90	1440.3
53.08	-.911	30.973	24.91	1440.3

Station 283 1 20 Heure (Gmt) 16h30

Prof. totale (m) 55 Date 12-04-1982

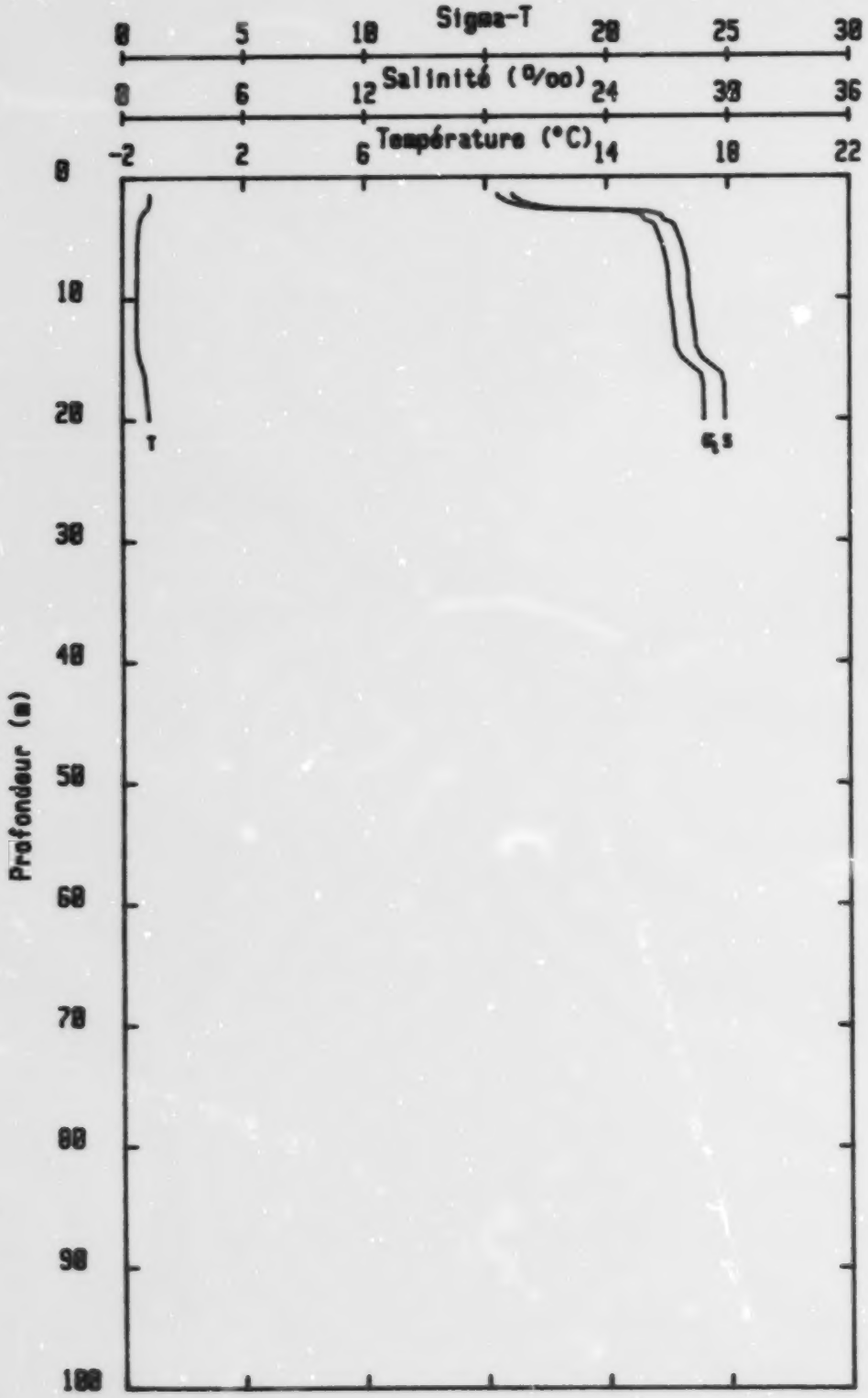


Station	283 1 28	Heure (Gmt)	16h30
Latitude	55°35.0	Date	12-04-1982
Longitude	77°25.4		
Profondeur totale (m)	55.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.864	13.828	11.05	1416.3
2.00	-.837	13.894	11.10	1416.5
2.43	-.850	14.769	11.81	1417.6
2.60	-.859	15.245	12.19	1418.2
2.81	-.869	15.971	12.78	1419.2
3.04	-.890	17.206	13.78	1420.7
3.20	-.912	19.041	15.26	1423.1
3.41	-.973	22.348	17.94	1427.3
3.68	-1.073	24.943	20.04	1430.4
3.85	-1.115	25.580	20.55	1431.1
4.00	-1.143	25.785	20.72	1431.2
5.03	-1.266	26.485	21.29	1431.6
9.00	-1.468	27.802	22.35	1432.6
10.01	-1.448	28.038	22.55	1433.0
12.04	-1.389	28.520	22.94	1434.0
14.11	-1.361	28.721	23.10	1434.4
16.01	-1.316	29.241	23.52	1435.4
18.10	-1.245	29.703	23.89	1436.4
20.15	-1.224	29.809	23.98	1436.7
22.04	-1.199	29.843	24.01	1436.9
24.06	-1.152	30.163	24.26	1437.6
26.04	-1.115	30.221	24.31	1437.9
28.18	-1.097	30.282	24.36	1438.1
30.13	-1.077	30.321	24.39	1438.3
32.14	-1.046	30.394	24.45	1438.5
34.10	-1.011	30.466	24.51	1438.8
36.18	-.996	30.493	24.53	1439.0
38.00	-.995	30.555	24.58	1439.1
40.18	-.977	30.583	24.60	1439.3
42.14	-.994	30.629	24.64	1439.3
44.10	-1.107	30.739	24.73	1438.9
46.03	-1.123	30.811	24.79	1439.0
48.44	-1.081	30.864	24.83	1439.3
50.48	-1.022	30.913	24.87	1439.7
52.16	-1.020	30.922	24.87	1439.7
54.10	-1.054	30.938	24.89	1439.6
55.04	-1.064	30.948	24.90	1439.6

Station 284 1 29 Heure (Gmt) 17h18

Prof. totale (m) 28 Date 12-04-1982

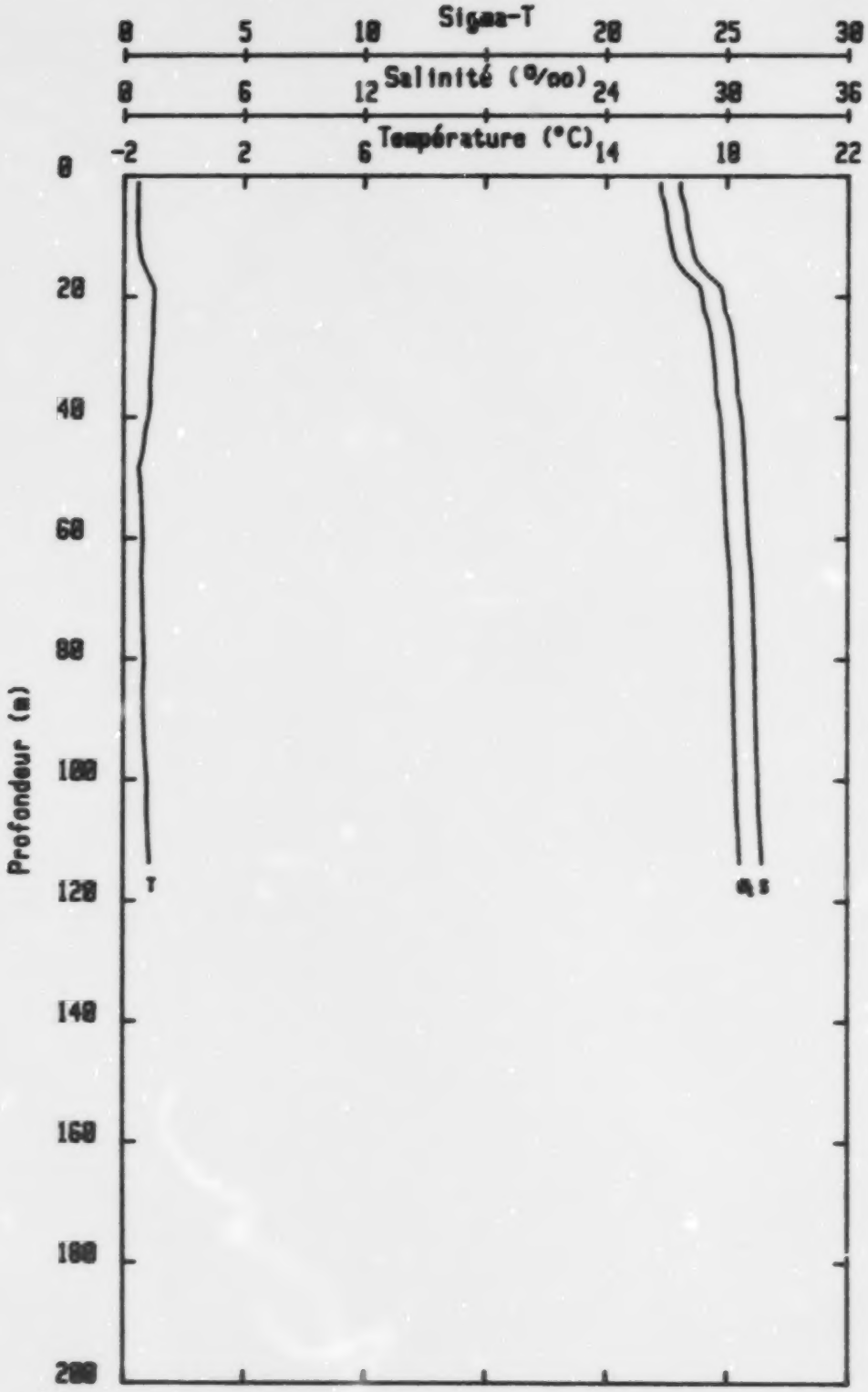


Station	284	1 29	Heure (Gmt)	17h10
Latitude		55°36.0	Date	12-04-1982
Longitude		77°27.0		
Profondeur totale (m)		20.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.40	-1.088	19.337	15.50	1422.6
1.68	-1.086	19.405	15.55	1422.7
1.86	-1.094	19.689	15.78	1423.1
2.00	-1.098	19.727	15.81	1423.1
2.21	-1.112	20.143	16.15	1423.6
2.40	-1.134	20.566	16.49	1424.1
2.63	-1.176	21.381	17.15	1425.0
2.85	-1.283	25.946	20.85	1430.9
3.11	-1.357	26.671	21.44	1431.4
3.60	-1.426	26.861	21.59	1431.4
3.81	-1.445	27.239	21.90	1431.8
4.00	-1.457	27.349	21.99	1431.9
4.60	-1.480	27.503	22.11	1432.0
5.06	-1.486	27.607	22.20	1432.1
5.46	-1.494	27.712	22.28	1432.2
6.01	-1.499	27.804	22.36	1432.4
7.03	-1.505	27.955	22.48	1432.6
7.66	-1.505	28.014	22.53	1432.6
8.00	-1.509	28.040	22.55	1432.7
9.03	-1.516	28.059	22.56	1432.7
10.01	-1.523	28.112	22.61	1432.7
11.01	-1.525	28.240	22.71	1432.9
12.03	-1.521	28.291	22.75	1433.0
13.04	-1.514	28.383	22.83	1433.2
14.01	-1.502	28.418	22.85	1433.3
15.00	-1.434	28.742	23.12	1434.1
16.29	-1.257	29.697	23.89	1436.3
17.18	-1.222	29.820	23.99	1436.7
18.01	-1.188	29.823	23.99	1436.8
19.19	-1.140	29.842	24.00	1437.1
20.01	-1.111	29.853	24.01	1437.3

Station 285 1 38 Heure (Gmt) 17h35

Prof. totale (m) 114 Date 12-04-1982

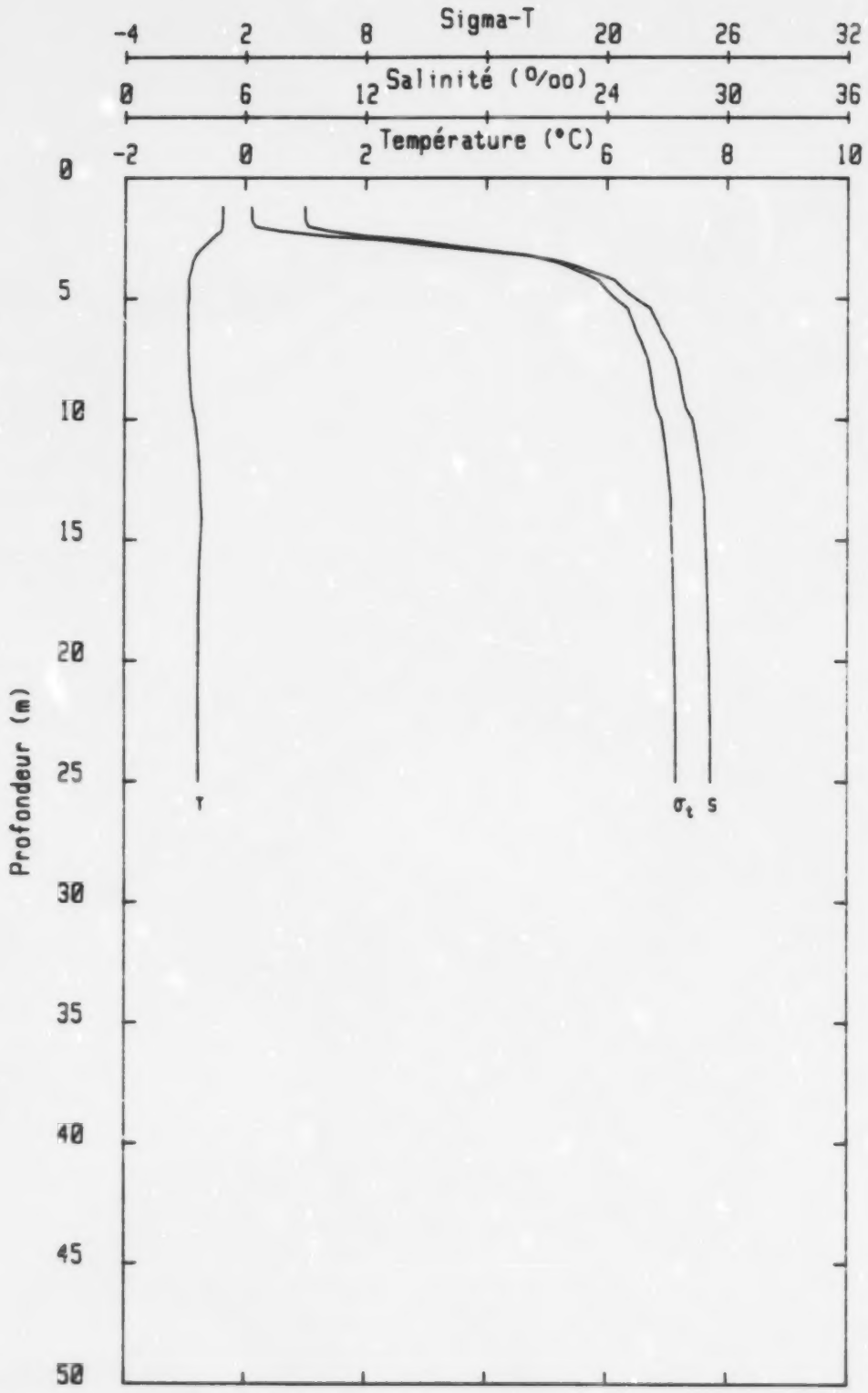


Station	285 1 00	Heure (Gmt)	17h35
Latitude	55°37.0	Date	12-04-1982
Longitude	77°28.2		
Profondeur totale (m)	114.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.13	-1.538	27.666	22.24	1431.9
2.01	-1.537	27.663	22.24	1431.9
3.08	-1.539	27.686	22.26	1432.0
4.10	-1.539	27.813	22.36	1432.1
5.06	-1.541	27.878	22.42	1432.2
6.20	-1.546	27.958	22.48	1432.4
7.06	-1.541	27.980	22.50	1432.4
8.04	-1.534	28.021	22.53	1432.5
9.16	-1.531	28.064	22.57	1432.6
10.00	-1.518	28.144	22.63	1432.8
12.16	-1.480	28.264	22.73	1433.2
14.01	-1.410	28.434	22.87	1433.8
16.01	-1.236	28.897	23.24	1435.3
18.35	-1.000	29.680	23.87	1437.5
20.01	-.979	29.804	23.97	1437.8
22.00	-.998	29.874	24.03	1437.9
24.15	-1.021	30.107	24.22	1438.1
26.03	-1.022	30.239	24.32	1438.3
28.06	-1.049	30.326	24.39	1438.4
30.31	-1.071	30.405	24.46	1438.4
32.11	-1.087	30.466	24.51	1438.4
34.21	-1.126	30.508	24.54	1438.4
36.04	-1.108	30.530	24.56	1438.5
38.04	-1.119	30.638	24.65	1438.6
40.23	-1.182	30.741	24.73	1438.5
42.00	-1.273	30.781	24.77	1438.2
44.15	-1.318	30.832	24.81	1438.1
46.19	-1.382	30.863	24.84	1437.8
48.41	-1.496	30.903	24.87	1437.4
50.00	-1.451	30.908	24.87	1437.6
55.21	-1.388	30.992	24.94	1438.1
60.20	-1.361	31.083	25.01	1438.5
65.43	-1.399	31.232	25.14	1438.6
70.13	-1.369	31.294	25.19	1438.9
75.15	-1.347	31.347	25.23	1439.2
80.00	-1.306	31.400	25.27	1439.5
85.10	-1.353	31.423	25.29	1439.4
90.09	-1.331	31.458	25.32	1439.6
95.00	-1.280	31.498	25.35	1440.0
100.04	-1.203	31.566	25.40	1440.5
105.26	-1.213	31.608	25.44	1440.6
110.10	-1.158	31.705	25.51	1441.1
113.80	-1.122	31.769	25.56	1441.4

Station 203 1 31 Heure (Gmt) 19h55

Prof. totale (m) 26 Date 12-04-1982

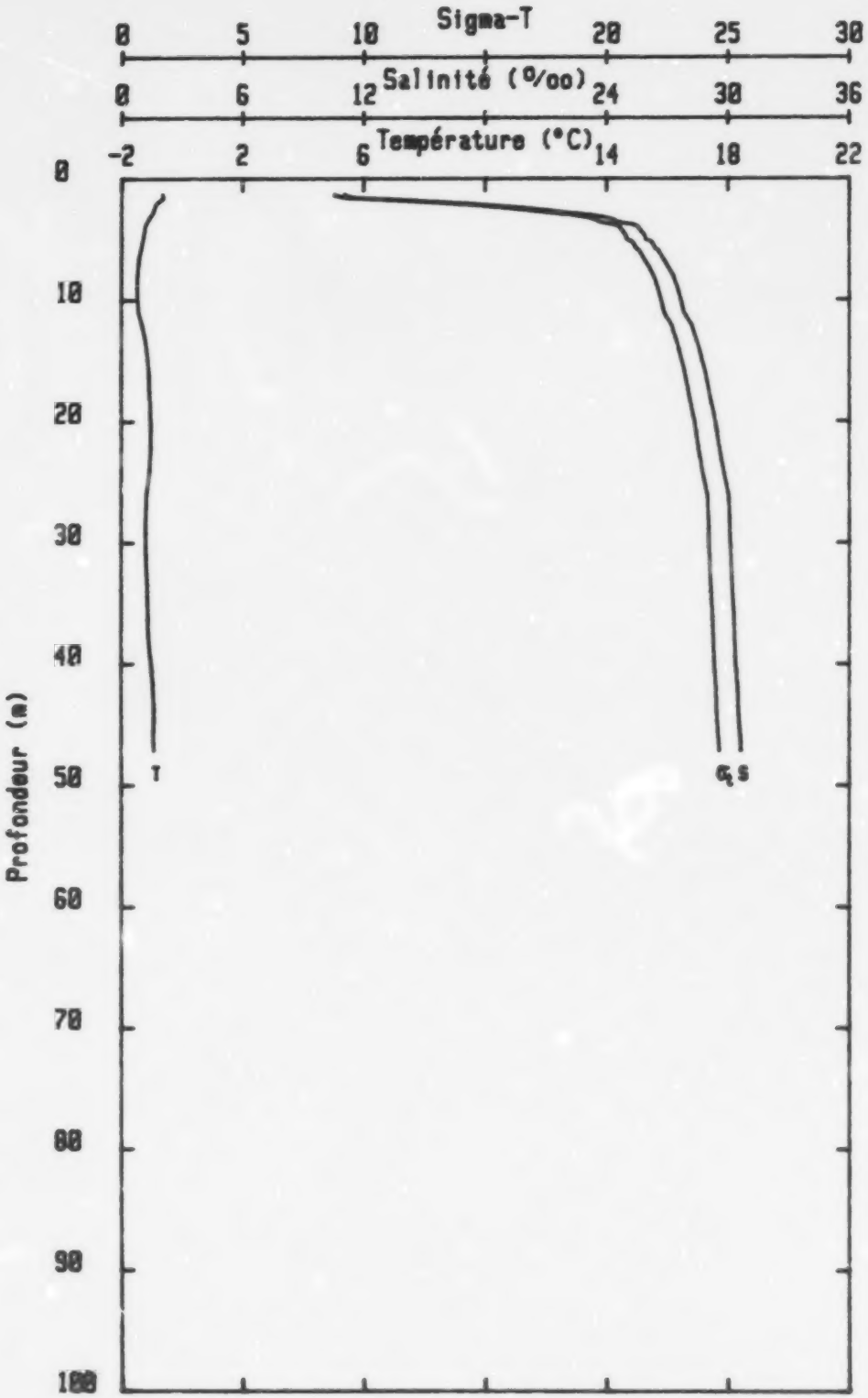


Station	203 1 31	Heure (Gmt)	19h55
Latitude	55°39.6	Date	12-04-1982
Longitude	77°11.0		
Profondeur totale (m)	26.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.21	-.372	6.313	4.98	1408.9
1.80	-.378	6.343	5.01	1408.9
2.04	-.386	6.514	5.15	1409.1
2.21	-.490	7.704	6.11	1410.6
2.43	-.505	10.017	7.98	1413.2
2.60	-.579	13.065	10.44	1416.9
2.80	-.663	14.994	12.00	1419.1
3.01	-.750	17.455	13.98	1421.9
3.20	-.821	20.036	16.07	1425.0
3.49	-.871	21.723	17.43	1427.0
3.65	-.886	22.403	17.98	1427.9
3.86	-.900	23.082	18.53	1428.7
4.00	-.917	23.615	18.96	1429.3
4.23	-.940	24.357	19.56	1430.2
4.60	-.936	24.824	19.94	1430.8
4.85	-.932	25.169	20.22	1431.3
5.06	-.939	25.519	20.50	1431.7
5.26	-.949	25.898	20.81	1432.2
5.41	-.949	26.182	21.04	1432.6
5.80	-.944	26.401	21.21	1432.9
6.01	-.948	26.541	21.33	1433.0
6.40	-.941	26.732	21.48	1433.3
6.80	-.937	27.036	21.73	1433.7
7.03	-.941	27.151	21.82	1433.8
7.50	-.930	27.435	22.05	1434.3
8.03	-.922	27.602	22.19	1434.5
9.10	-.892	27.829	22.37	1434.9
9.54	-.871	27.949	22.47	1435.2
10.00	-.828	28.274	22.73	1435.8
11.00	-.780	28.501	22.91	1436.4
12.14	-.744	28.706	23.08	1436.8
13.20	-.732	28.872	23.21	1437.1
14.05	-.711	28.895	23.23	1437.2
15.04	-.732	28.952	23.27	1437.1
16.04	-.754	29.003	23.32	1437.0
17.06	-.758	29.036	23.34	1437.0
18.11	-.765	29.085	23.38	1437.0
19.08	-.766	29.093	23.39	1437.0
20.08	-.771	29.143	23.43	1437.0
21.30	-.775	29.168	23.45	1437.0
22.28	-.774	29.196	23.47	1437.0
23.04	-.772	29.206	23.48	1437.0
24.15	-.772	29.207	23.48	1436.9
25.04	-.771	29.206	23.48	1436.9

Station 206 1 32 Heure (Gmt) 20h25

Prof. totale (m) 48 Date 12-04-1982

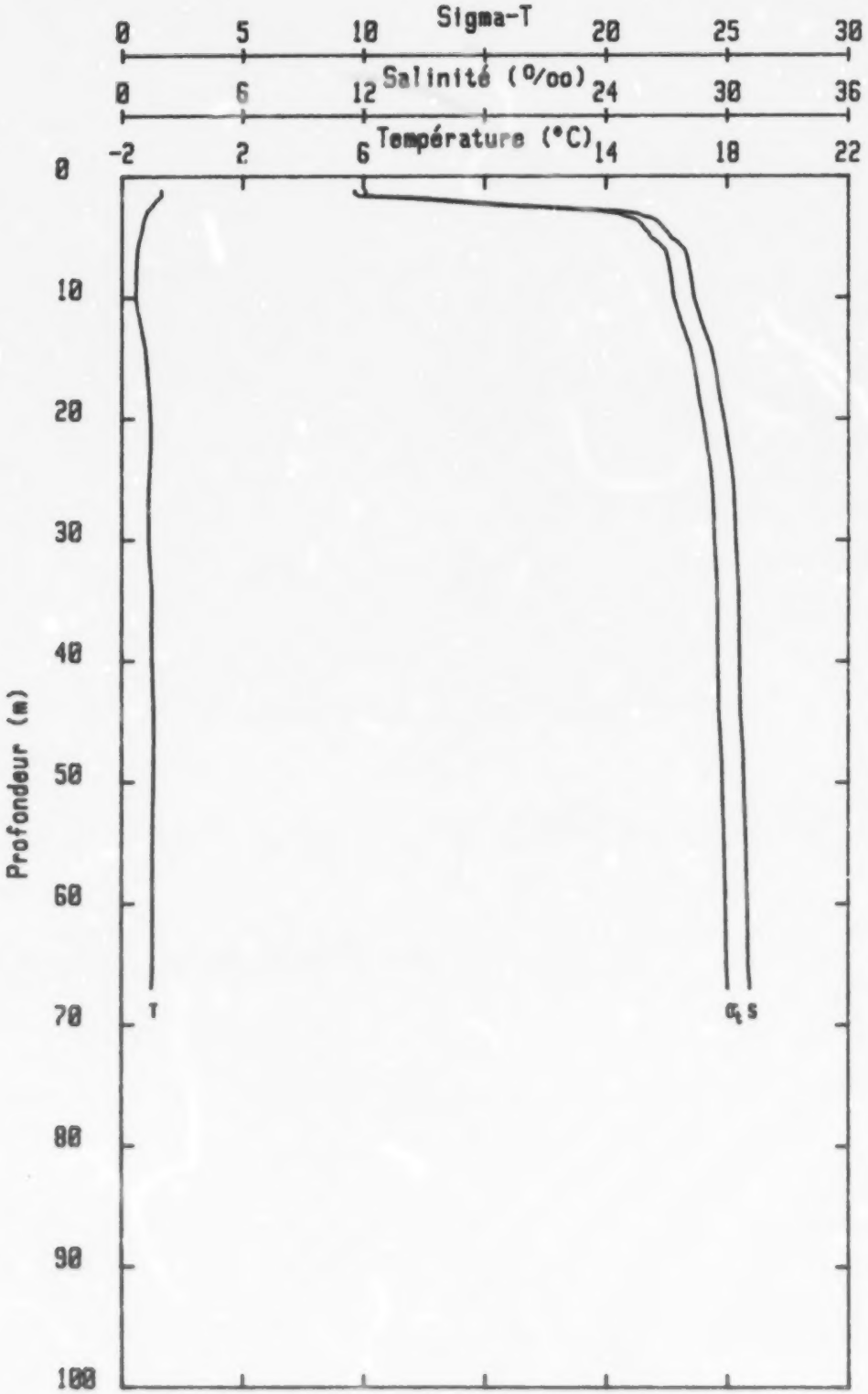


Station	206 1 32	Heure (Gmt)	20h25
Latitude	55°39.9	Date	12-04-1982
Longitude	77°13.9		
Profondeur totale (m)	48.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.30	-.641	11.055	8.81	1413.7
1.40	-.640	11.051	8.81	1413.7
1.60	-.618	11.558	9.22	1414.5
1.80	-.700	14.025	11.21	1417.4
2.01	-.827	16.409	13.13	1419.9
2.26	-.884	18.636	14.93	1422.7
2.45	-.912	19.898	15.95	1424.3
2.61	-.927	20.870	16.74	1425.5
2.80	-.952	21.832	17.52	1426.7
3.00	-1.002	23.102	18.55	1428.2
3.20	-1.082	23.892	19.18	1428.9
3.41	-1.108	24.379	19.58	1429.4
3.60	-1.164	24.527	19.70	1429.4
3.81	-1.202	25.331	20.35	1430.3
4.03	-1.225	25.599	20.57	1430.6
4.21	-1.237	25.645	20.60	1430.6
4.64	-1.262	25.859	20.78	1430.8
5.04	-1.286	25.946	20.85	1430.8
5.23	-1.310	26.227	21.08	1431.1
5.61	-1.334	26.373	21.20	1431.2
5.81	-1.348	26.432	21.24	1431.2
6.00	-1.373	26.599	21.38	1431.3
6.53	-1.417	26.769	21.52	1431.3
7.01	-1.436	26.962	21.67	1431.5
8.14	-1.474	27.336	21.98	1431.9
9.04	-1.479	27.523	22.13	1432.1
10.16	-1.459	27.717	22.29	1432.5
11.10	-1.426	27.843	22.39	1432.8
12.11	-1.305	28.237	22.71	1434.0
13.04	-1.224	28.411	22.85	1434.6
14.03	-1.158	28.595	22.99	1435.2
16.05	-1.087	28.917	23.25	1436.0
18.15	-1.050	29.161	23.45	1436.6
20.05	-1.019	29.405	23.65	1437.1
22.09	-1.021	29.592	23.80	1437.4
24.28	-1.067	29.826	23.99	1437.5
26.08	-1.166	30.057	24.18	1437.4
28.05	-1.188	30.114	24.22	1437.4
30.04	-1.189	30.148	24.25	1437.5
32.00	-1.165	30.204	24.30	1437.7
34.08	-1.133	30.254	24.34	1438.0
36.10	-1.109	30.336	24.40	1438.2
38.04	-1.084	30.370	24.43	1438.4
40.14	-.996	30.426	24.47	1439.0
42.00	-.942	30.518	24.55	1439.4
44.00	-.909	30.554	24.57	1439.6
46.05	-.938	30.636	24.64	1439.6
47.19	-.916	30.670	24.67	1439.8

Station 207 1 33 Heure (Gmt) 21h05

Prof. totale (m) 68 Date 12-04-1982

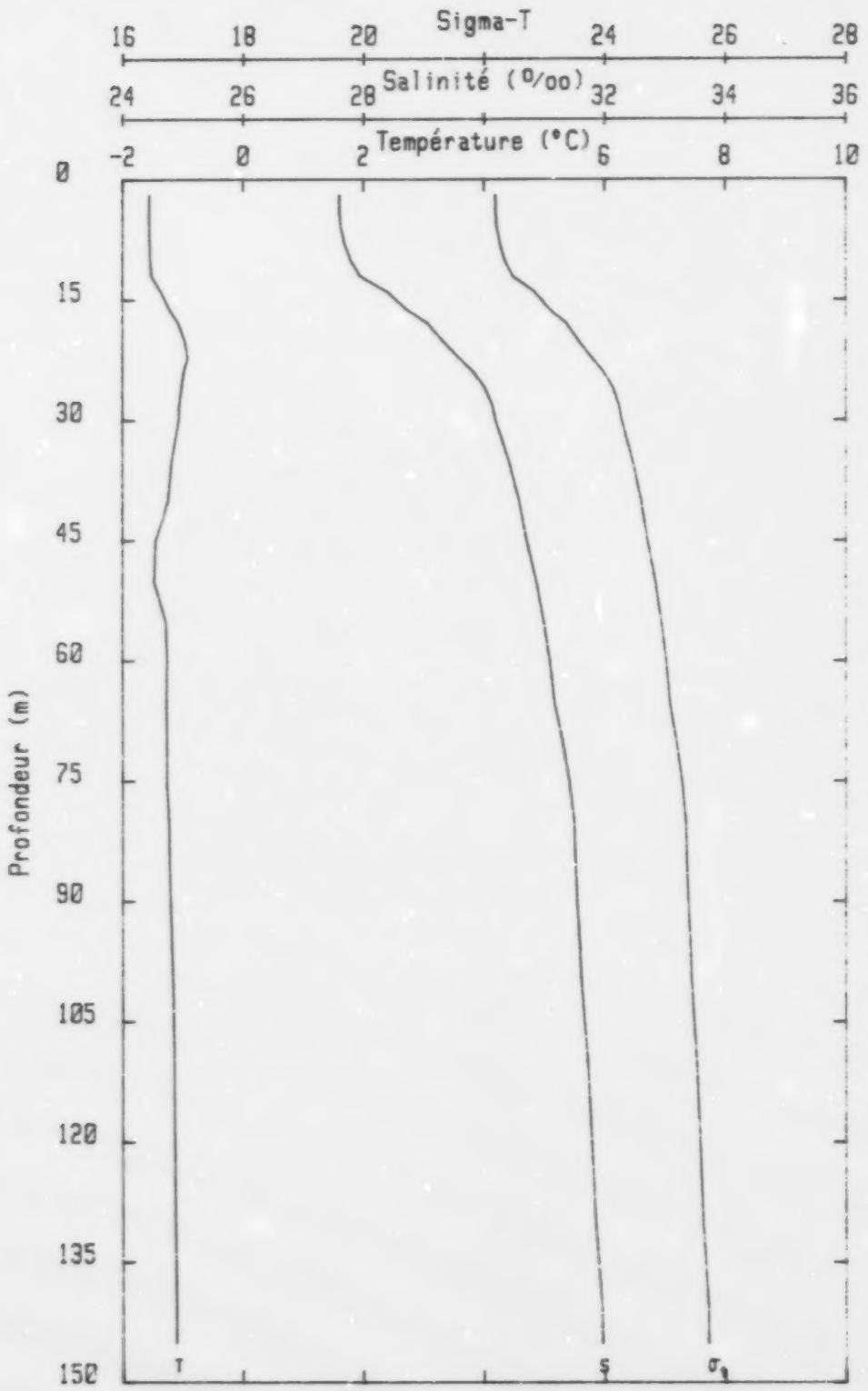


Station	207 1 33	Heure (Gmt)	21h05
Latitude	55°40.6	Date	12-04-1982
Longitude	77°14.9		
Profondeur totale (m)	68.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.702	12.082	9.64	1414.8
1.40	-.697	12.068	9.63	1414.8
1.63	-.699	12.278	9.80	1415.0
1.83	-.780	15.007	12.00	1418.3
2.01	-.864	16.463	13.18	1419.8
2.24	-.942	18.097	14.50	1421.7
2.44	-.993	19.823	15.89	1423.8
2.63	-1.067	22.055	17.70	1426.5
2.88	-1.151	24.660	19.81	1429.6
3.09	-1.192	25.563	20.54	1430.7
3.31	-1.221	25.870	20.79	1431.0
3.43	-1.244	26.221	21.07	1431.3
3.61	-1.274	26.491	21.29	1431.6
4.01	-1.307	26.723	21.48	1431.7
4.44	-1.333	26.933	21.65	1431.9
4.68	-1.361	27.072	21.76	1432.0
5.11	-1.404	27.236	21.90	1432.0
5.44	-1.436	27.546	22.15	1432.3
6.13	-1.483	27.940	22.47	1432.6
6.55	-1.497	28.005	22.52	1432.7
7.05	-1.507	28.083	22.58	1432.7
8.05	-1.531	28.194	22.67	1432.8
9.01	-1.528	28.277	22.74	1432.9
10.05	-1.533	28.362	22.81	1433.0
12.11	-1.383	28.751	23.12	1434.3
14.19	-1.219	29.216	23.50	1435.8
16.19	-1.145	29.458	23.69	1436.5
18.13	-1.086	29.629	23.83	1437.1
20.46	-1.032	29.906	24.05	1437.7
22.14	-1.030	30.045	24.16	1438.0
24.26	-1.073	30.245	24.33	1438.1
26.13	-1.108	30.341	24.41	1438.1
28.31	-1.107	30.396	24.45	1438.2
30.15	-1.098	30.431	24.48	1438.3
32.03	-1.054	30.512	24.54	1438.7
34.21	-.995	30.580	24.60	1439.1
36.06	-.999	30.595	24.61	1439.1
38.14	-1.000	30.606	24.62	1439.2
40.13	-.986	30.633	24.64	1439.3
42.08	-.963	30.644	24.65	1439.4
44.00	-.938	30.663	24.66	1439.6
46.03	-.935	30.743	24.73	1439.8
48.04	-.946	30.810	24.78	1439.9
50.01	-.948	30.834	24.80	1439.9
55.30	-.981	30.946	24.89	1440.0
60.10	-.974	31.005	24.94	1440.2
65.11	-.972	31.043	24.97	1440.3
67.03	-1.005	31.132	25.05	1440.3

Station 208 1 34 Heure (Gmt) 22h25

Prof. totale (m) 146 Date 12-04-1982

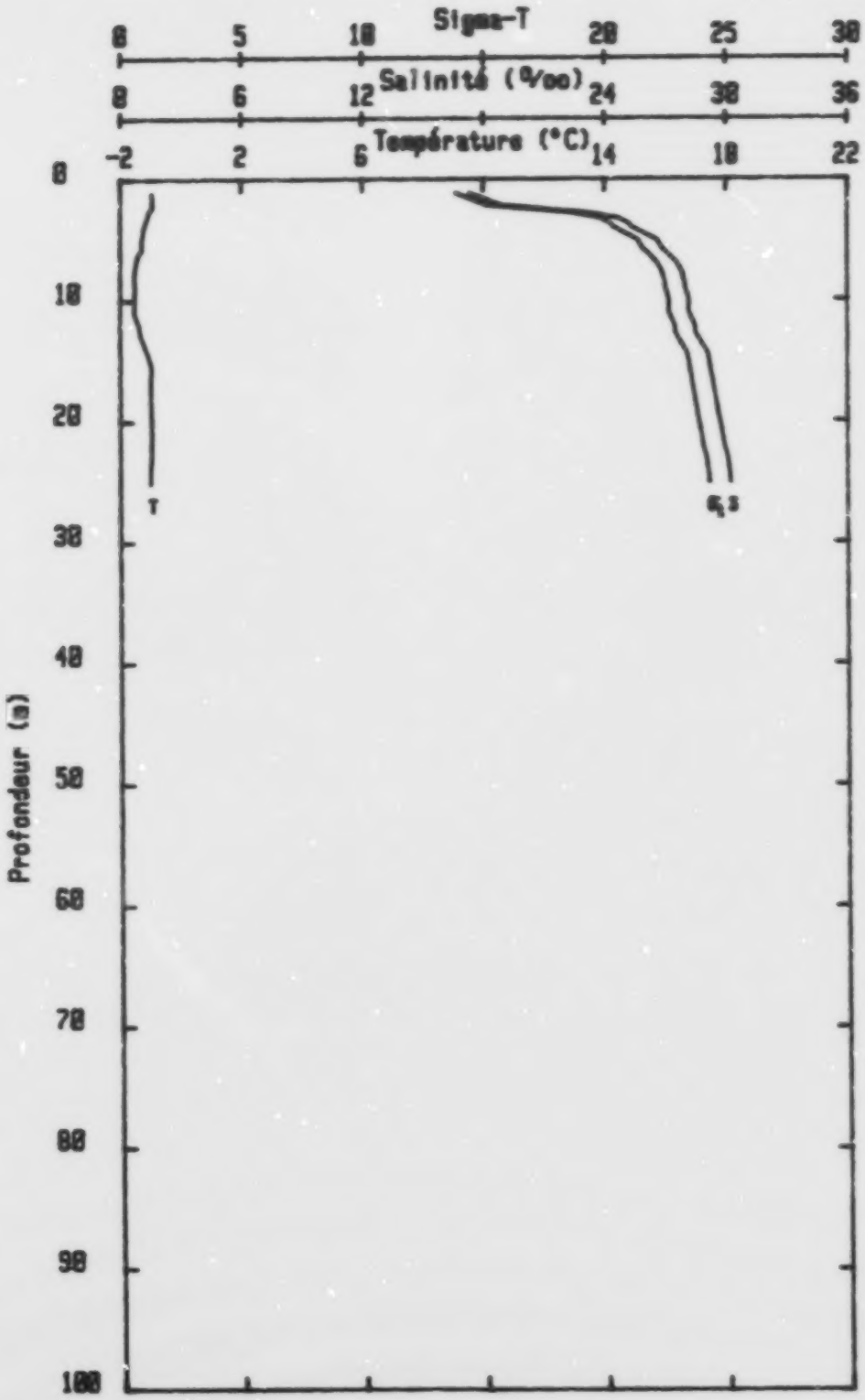


Station	208 1 34	Heure (Gmt)	22h25
Latitude	55°43.1	Date	12-04-1982
Longitude	77°19.6		
Profondeur totale (m)	146.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
2.00	-1.558	27.600	22.19	1431.6
3.05	-1.558	27.605	22.20	1431.6
4.13	-1.558	27.607	22.20	1431.5
5.18	-1.556	27.619	22.21	1431.4
6.04	-1.554	27.629	22.21	1431.4
7.05	-1.550	27.665	22.24	1431.4
8.01	-1.547	27.690	22.26	1431.3
9.06	-1.541	27.740	22.30	1431.3
10.10	-1.534	27.791	22.35	1431.4
12.10	-1.515	27.949	22.47	1431.5
14.08	-1.356	28.401	22.84	1432.9
16.25	-1.214	28.714	23.09	1434.0
18.00	-1.069	29.062	23.37	1435.2
20.08	-.966	29.302	23.56	1436.0
22.19	-.913	29.570	23.78	1436.6
24.01	-.980	29.821	23.98	1436.5
26.00	-1.014	30.017	24.14	1436.4
28.30	-1.056	30.145	24.25	1436.2
30.01	-1.063	30.191	24.28	1436.1
35.04	-1.181	30.409	24.46	1435.4
40.10	-1.242	30.588	24.61	1434.9
45.15	-1.449	30.716	24.72	1433.1
50.15	-1.472	30.871	24.84	1432.8
55.30	-1.272	31.000	24.94	1434.2
60.01	-1.257	31.098	25.02	1434.2
65.41	-1.271	31.177	25.09	1433.8
70.36	-1.264	31.315	25.20	1433.7
75.00	-1.265	31.419	25.28	1433.6
80.05	-1.227	31.501	25.35	1433.7
85.20	-1.220	31.523	25.37	1433.5
90.11	-1.201	31.552	25.39	1433.5
95.09	-1.183	31.595	25.42	1433.4
100.00	-1.163	31.620	25.44	1433.4
110.00	-1.144	31.722	25.53	1433.2
120.24	-1.132	31.794	25.58	1432.8
130.13	-1.126	31.851	25.63	1432.4
140.40	-1.107	31.956	25.72	1432.3
145.15	-1.108	31.966	25.72	1432.0

Station 210 1 35 Heure (Gmt) 15h55

Prof. totale (m) 26 Date 13-04-1982

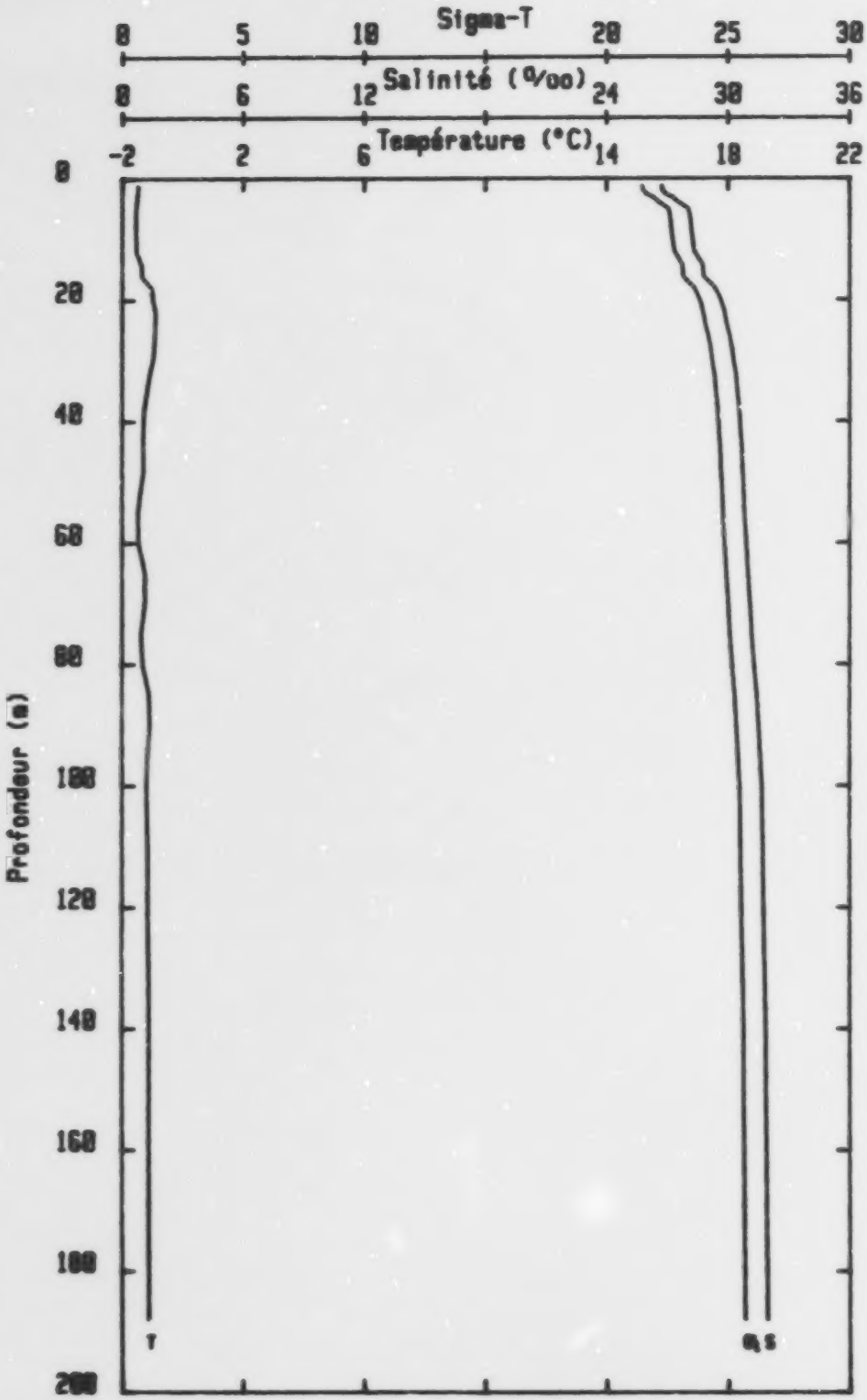


Station	210	1 35	Heure (Gmt) 15h55
Latitude		55°44.0	Date 13-04-1982
Longitude		77° 7.8	
Profondeur totale (m)		26.8	

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.18	-.952	17.325	13.87	1420.6
2.20	-.929	18.937	15.18	1422.9
2.30	-.936	19.839	15.91	1424.1
2.66	-1.034	22.237	17.85	1426.9
2.81	-1.067	23.237	18.65	1428.1
3.25	-1.120	24.688	19.83	1429.8
3.74	-1.187	25.248	20.28	1430.3
4.81	-1.227	25.364	20.38	1430.2
5.09	-1.282	26.617	21.39	1431.7
5.75	-1.293	26.830	21.56	1432.0
6.40	-1.434	27.269	21.92	1431.9
6.50	-1.433	27.278	21.93	1432.0
6.91	-1.475	27.567	22.16	1432.2
7.49	-1.509	27.760	22.32	1432.3
7.86	-1.524	27.861	22.40	1432.3
8.21	-1.524	27.896	22.43	1432.4
8.54	-1.522	27.962	22.48	1432.5
9.03	-1.508	27.999	22.51	1432.6
9.65	-1.527	28.116	22.61	1432.7
10.03	-1.534	28.163	22.65	1432.8
11.00	-1.535	28.160	22.65	1432.8
12.15	-1.376	28.467	22.89	1434.0
12.74	-1.356	28.499	22.92	1434.1
14.48	-1.086	29.113	23.41	1436.3
15.43	-.967	29.215	23.49	1437.0
16.36	-.987	29.326	23.58	1437.1
17.09	-.992	29.388	23.63	1437.2
18.15	-.987	29.506	23.73	1437.4
19.35	-.971	29.617	23.82	1437.6
20.29	-.960	29.737	23.91	1437.8
22.04	-.964	29.916	24.06	1438.1
22.91	-.977	30.069	24.18	1438.3
23.40	-.987	30.111	24.22	1438.3
24.43	-1.003	30.194	24.29	1438.3
25.09	-1.007	30.222	24.31	1438.4

Station 213 1 36 Heure (Gmt) 16h22

Prof. totale (m) 198 Date 13-04-1982

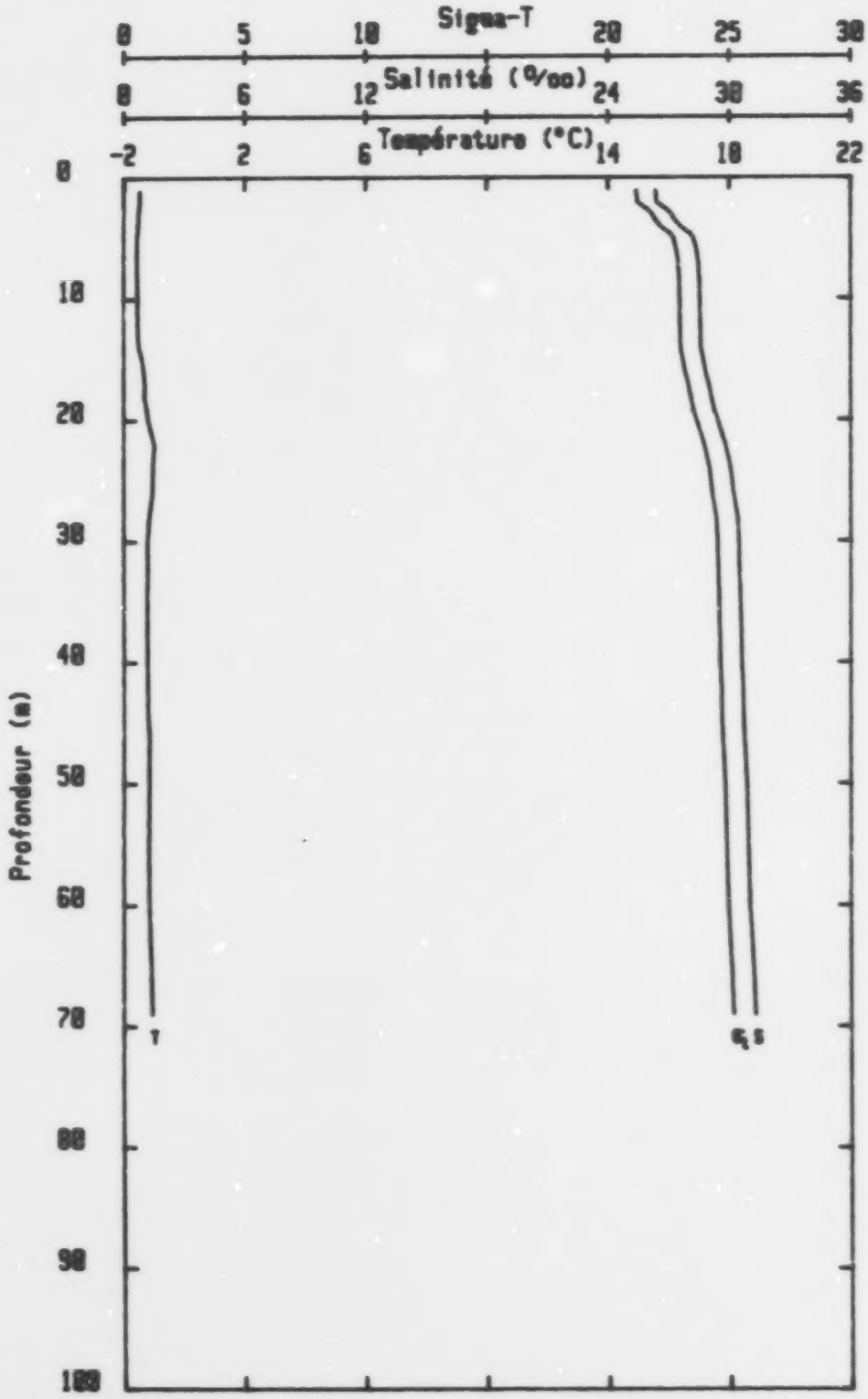


Station	213 1 36	Heure (Gmt)	16h22
Latitude	55°49.8	Date	13-04-1982
Longitude	77°14.7		
Profondeur totale (m)	190.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.28	-1.482	26.714	21.47	1430.9
2.03	-1.485	26.755	21.51	1430.8
2.53	-1.492	26.898	21.62	1431.0
3.00	-1.507	27.193	21.86	1431.3
4.05	-1.529	27.604	22.19	1431.6
5.00	-1.551	28.030	22.54	1432.0
6.03	-1.552	28.103	22.60	1432.0
7.04	-1.551	28.149	22.64	1432.0
8.00	-1.552	28.167	22.65	1431.9
9.06	-1.546	28.212	22.69	1431.9
10.04	-1.542	28.250	22.72	1431.9
12.09	-1.528	28.338	22.79	1432.0
14.19	-1.361	28.737	23.11	1433.3
16.20	-1.340	28.800	23.16	1433.4
18.05	-1.020	29.359	23.61	1435.9
20.06	-.980	29.648	23.84	1436.4
22.10	-.891	29.824	23.98	1437.1
24.01	-.900	29.925	24.06	1437.1
26.04	-.914	30.086	24.20	1437.1
28.18	-.942	30.205	24.29	1437.0
30.14	-.987	30.281	24.36	1436.8
32.09	-1.075	30.373	24.43	1436.2
34.01	-1.139	30.432	24.48	1435.7
36.01	-1.202	30.486	24.53	1435.3
38.01	-1.259	30.554	24.58	1434.8
40.15	-1.284	30.591	24.61	1434.5
42.14	-1.301	30.624	24.64	1434.3
44.10	-1.304	30.666	24.67	1434.2
46.08	-1.292	30.691	24.69	1434.2
48.01	-1.288	30.709	24.71	1434.2
50.08	-1.352	30.752	24.75	1433.6
55.09	-1.477	30.809	24.79	1432.3
60.01	-1.463	30.897	24.86	1432.1
65.18	-1.235	30.991	24.94	1433.9
70.09	-1.244	31.090	25.02	1433.6
75.19	-1.370	31.175	25.09	1432.2
80.06	-1.317	31.283	25.18	1432.6
85.06	-1.103	31.423	25.28	1434.6
90.00	-1.074	31.506	25.35	1434.7
95.13	-1.155	31.588	25.42	1433.7
100.15	-1.195	31.676	25.49	1433.1
110.19	-1.146	31.718	25.52	1433.1
120.23	-1.144	31.757	25.56	1432.6
130.15	-1.115	31.818	25.60	1432.5
140.14	-1.104	31.862	25.64	1432.2
150.28	-1.106	31.878	25.65	1431.6
160.15	-1.115	31.897	25.67	1431.0
170.09	-1.115	31.906	25.68	1430.5
180.08	-1.118	31.917	25.68	1429.9
188.05	-1.118	31.918	25.69	1429.5

Station 214 1 37 Heure (Gmt) 17h04

Prof. totale (m) 78 Date 13-04-1982

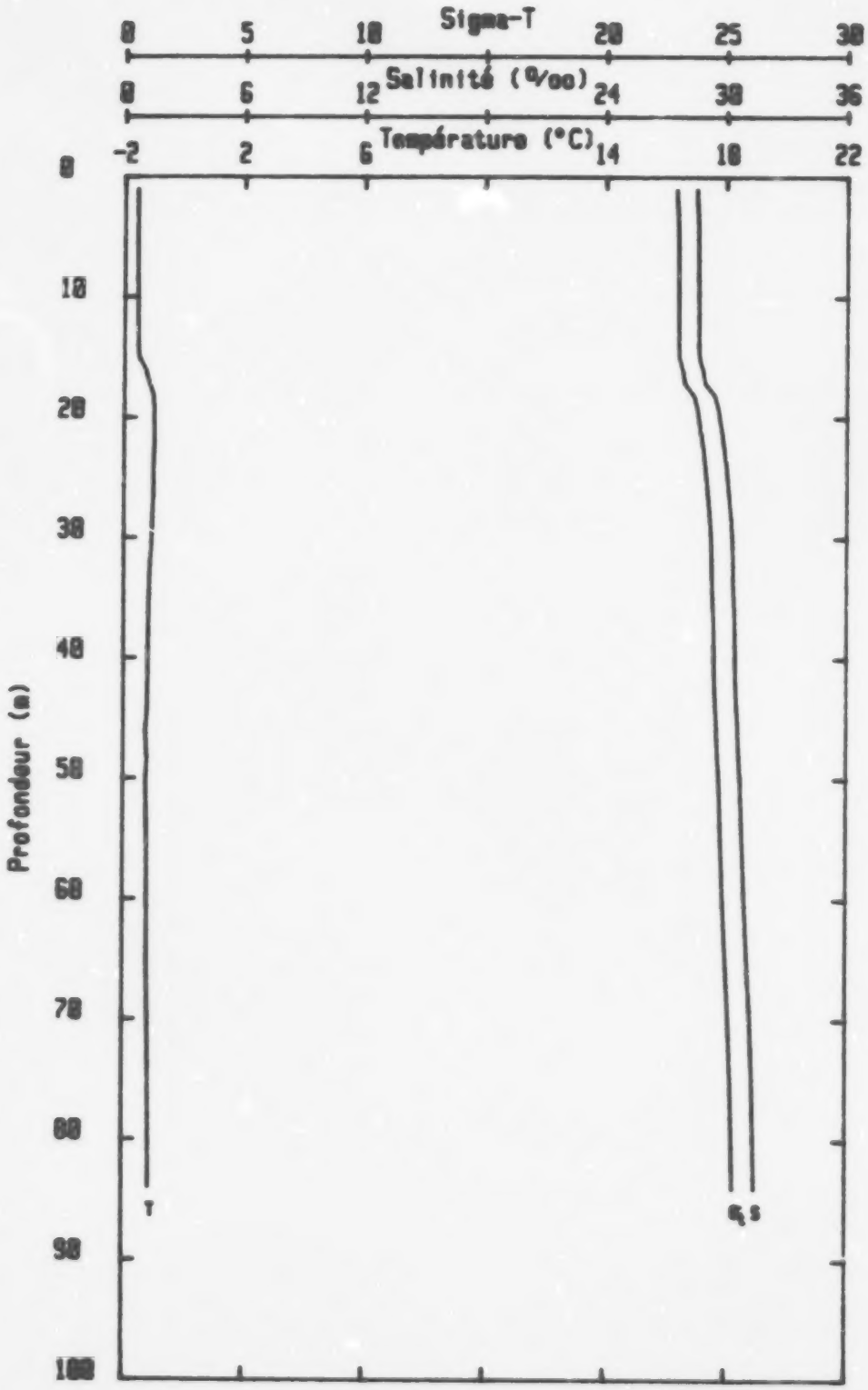


Station	214 1 37	Heure (Gmt)	17h04
Latitude	55°51.1	Date	13-04-1982
Longitude	76°58.8		
Profondeur totale (m)	70.8		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.13	-1.467	26.351	21.18	1430.5
2.06	-1.472	26.397	21.22	1430.4
2.63	-1.497	26.883	21.61	1430.9
3.03	-1.511	27.130	21.81	1431.1
3.54	-1.522	27.314	21.96	1431.3
4.09	-1.534	27.596	22.19	1431.6
4.64	-1.554	28.059	22.56	1432.1
5.00	-1.563	28.228	22.70	1432.2
6.06	-1.565	28.387	22.83	1432.3
7.06	-1.564	28.473	22.90	1432.4
8.09	-1.559	28.512	22.93	1432.4
9.01	-1.551	28.531	22.95	1432.4
10.06	-1.542	28.543	22.96	1432.3
11.03	-1.541	28.552	22.96	1432.3
12.19	-1.536	28.569	22.98	1432.2
13.15	-1.519	28.581	22.99	1432.3
14.10	-1.490	28.598	23.00	1432.4
15.00	-1.395	28.707	23.09	1433.0
16.04	-1.329	28.813	23.17	1433.5
17.00	-1.293	28.975	23.30	1433.8
18.11	-1.308	29.110	23.41	1433.8
19.19	-1.223	29.243	23.52	1434.5
20.15	-1.170	29.434	23.67	1435.0
22.03	-.978	29.799	23.96	1436.5
24.03	-1.037	30.070	24.19	1436.4
26.04	-1.051	30.200	24.29	1436.4
28.04	-1.158	30.411	24.46	1435.9
30.11	-1.215	30.480	24.52	1435.5
32.14	-1.206	30.506	24.54	1435.5
34.08	-1.220	30.545	24.57	1435.3
36.05	-1.221	30.569	24.59	1435.2
38.00	-1.219	30.607	24.62	1435.2
40.05	-1.218	30.620	24.64	1435.1
42.08	-1.202	30.685	24.69	1435.2
44.13	-1.201	30.699	24.70	1435.1
46.01	-1.150	30.743	24.73	1435.4
48.14	-1.160	30.819	24.80	1435.3
50.06	-1.159	30.867	24.83	1435.3
55.03	-1.175	30.941	24.89	1435.0
60.03	-1.148	31.014	24.95	1435.0
65.15	-1.085	31.190	25.09	1435.5
69.06	-1.050	31.284	25.17	1435.7

Station 215 1 38 Heure (Gmt) 17h48

Prof. totale (m) 85 Date 13-04-1982

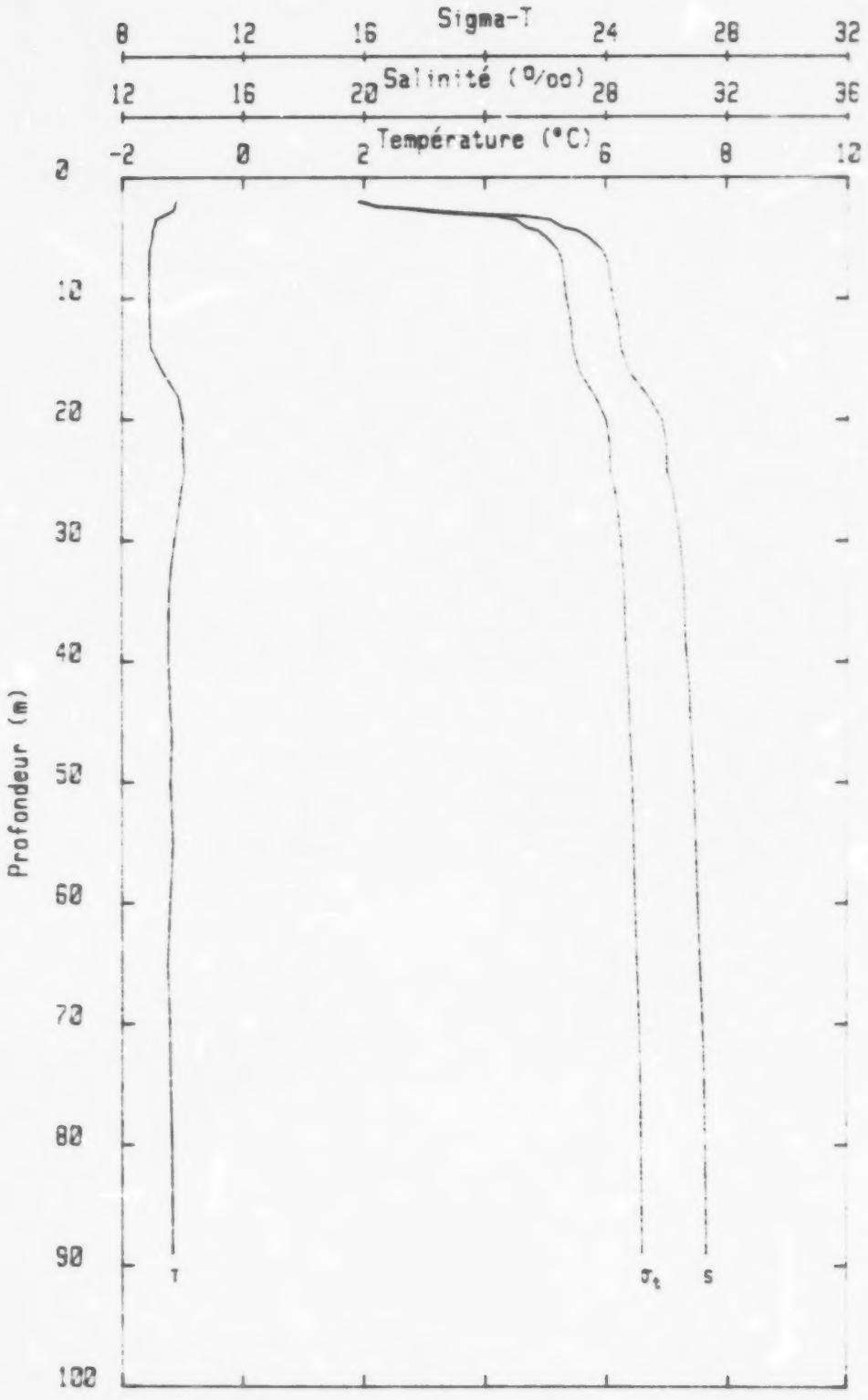


Station	215 1 38	Heure (Gmt)	17h40
Latitude	55°52.2	Date	13-04-1982
Longitude	77° 8.4		
Profondeur totale (m)	85.8		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.05	-1.584	28.503	22.92	1432.8
2.03	-1.585	28.512	22.93	1432.7
3.03	-1.583	28.554	22.97	1432.7
4.06	-1.582	28.573	22.98	1432.7
5.03	-1.581	28.585	22.99	1432.6
6.10	-1.578	28.594	23.00	1432.5
7.04	-1.575	28.594	23.00	1432.5
8.01	-1.574	28.594	23.00	1432.4
9.03	-1.568	28.605	23.01	1432.4
10.03	-1.561	28.606	23.01	1432.3
11.08	-1.560	28.610	23.01	1432.2
12.05	-1.553	28.613	23.01	1432.2
13.05	-1.550	28.611	23.01	1432.1
14.06	-1.539	28.623	23.02	1432.1
15.04	-1.508	28.649	23.04	1432.3
16.04	-1.292	28.832	23.19	1433.7
17.14	-1.169	28.943	23.28	1434.5
18.13	-1.032	29.415	23.66	1435.9
19.15	-1.002	29.579	23.79	1436.2
20.10	-.995	29.674	23.86	1436.4
22.14	-.989	29.862	24.02	1436.5
24.14	-1.023	30.022	24.15	1436.5
26.03	-1.016	30.122	24.23	1436.5
28.08	-1.051	30.239	24.32	1436.4
30.28	-1.077	30.324	24.39	1436.2
32.11	-1.130	30.349	24.41	1435.8
34.23	-1.156	30.379	24.44	1435.5
36.01	-1.175	30.434	24.48	1435.4
38.14	-1.181	30.468	24.51	1435.3
40.03	-1.191	30.484	24.52	1435.1
42.04	-1.194	30.506	24.54	1435.0
44.21	-1.206	30.572	24.60	1434.8
46.18	-1.260	30.632	24.65	1434.4
48.19	-1.209	30.678	24.68	1434.7
50.15	-1.245	30.754	24.74	1434.4
55.01	-1.202	30.855	24.83	1434.6
60.08	-1.189	30.970	24.92	1434.6
65.14	-1.194	31.114	25.04	1434.4
70.01	-1.159	31.273	25.16	1434.7
75.10	-1.135	31.381	25.25	1434.8
80.21	-1.117	31.455	25.31	1434.7
84.05	-1.116	31.496	25.34	1434.6

Station 211 1 39 Heure (Gmt) 18h20

Prof. totale (m) 90 Date 13-04-1982

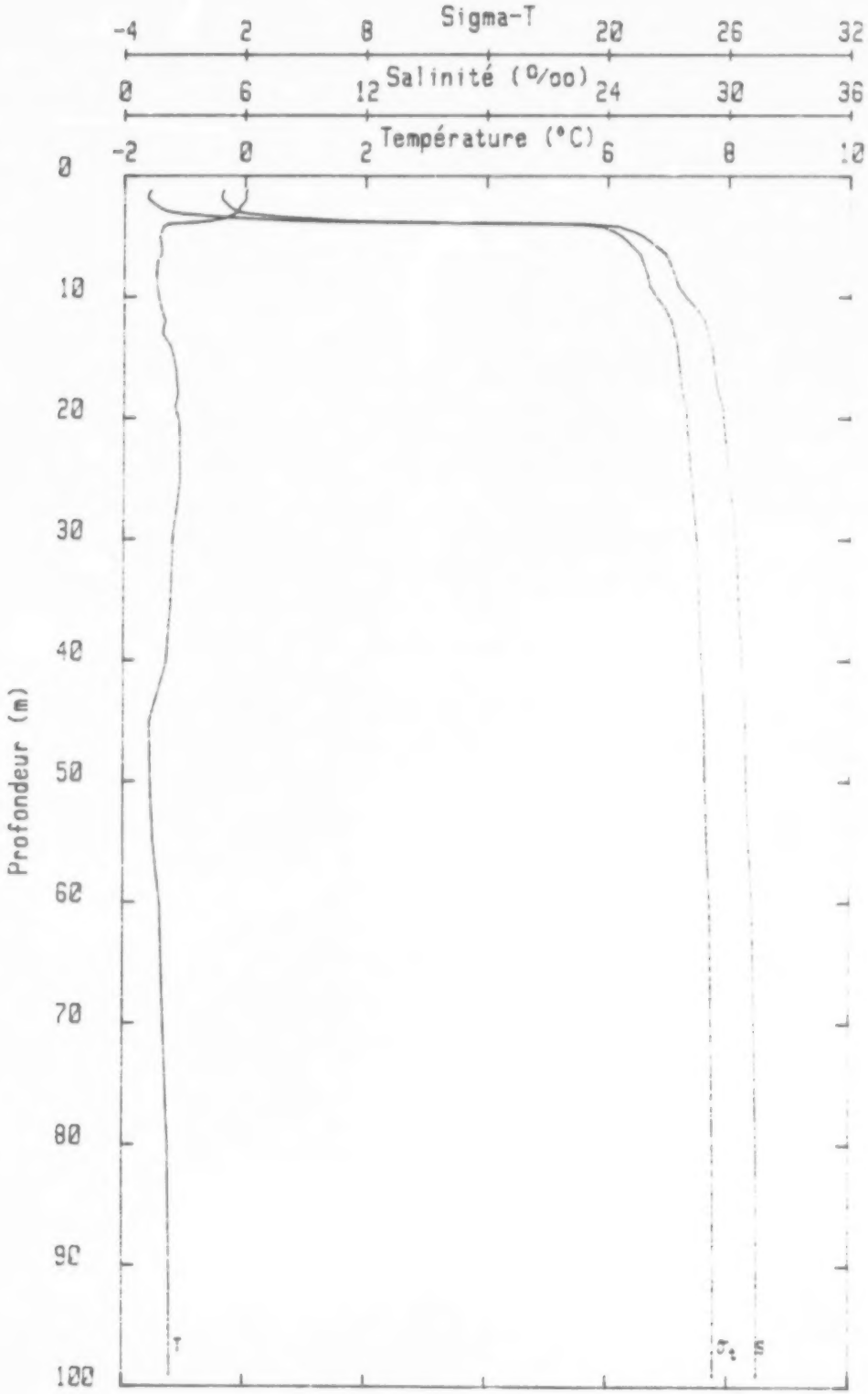


Station	211 1 39	Heure (Gmt)	18h20
Latitude	55°45.3	Date	13-04-1982
Longitude	77° 9.6		
Profondeur totale (m)	90.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
2.00	-1.101	19.823	15.89	1423.4
2.23	-1.124	20.187	16.19	1423.8
2.43	-1.126	20.456	16.40	1424.1
2.64	-1.132	21.817	17.50	1425.9
2.83	-1.166	22.516	18.07	1426.7
3.00	-1.226	23.572	18.93	1427.8
3.21	-1.315	25.291	20.32	1429.6
3.53	-1.437	26.167	21.03	1430.2
4.00	-1.461	26.487	21.29	1430.5
4.21	-1.473	26.646	21.42	1430.6
4.43	-1.493	27.076	21.77	1431.1
4.80	-1.490	27.300	21.95	1431.3
5.03	-1.495	27.447	22.07	1431.5
6.01	-1.540	27.883	22.42	1431.8
6.65	-1.545	28.009	22.52	1431.9
7.00	-1.546	28.063	22.57	1431.9
8.00	-1.547	28.127	22.62	1431.9
9.10	-1.547	28.178	22.66	1431.9
10.05	-1.546	28.240	22.71	1431.9
12.03	-1.539	28.420	22.86	1432.0
14.11	-1.521	28.499	22.92	1432.1
16.11	-1.319	28.777	23.14	1433.5
18.20	-1.057	29.432	23.67	1435.8
20.13	-.985	29.873	24.02	1436.7
22.14	-.989	30.007	24.13	1436.7
24.29	-.963	30.023	24.15	1436.8
26.00	-1.021	30.227	24.31	1436.7
28.03	-1.073	30.351	24.41	1436.4
30.09	-1.131	30.454	24.50	1436.0
32.24	-1.183	30.542	24.57	1435.7
34.00	-1.213	30.591	24.61	1435.4
36.14	-1.224	30.615	24.63	1435.3
38.06	-1.228	30.637	24.65	1435.1
40.00	-1.229	30.691	24.69	1435.1
42.15	-1.208	30.767	24.75	1435.2
44.00	-1.200	30.784	24.77	1435.2
46.14	-1.172	30.829	24.80	1435.3
48.05	-1.189	30.872	24.84	1435.2
50.01	-1.198	30.921	24.88	1435.0
55.09	-1.152	30.984	24.93	1435.2
60.01	-1.203	31.047	24.98	1434.6
65.11	-1.246	31.119	25.04	1434.0
70.00	-1.211	31.201	25.11	1434.1
75.10	-1.192	31.248	25.14	1434.0
80.00	-1.169	31.269	25.16	1434.0
85.20	-1.159	31.290	25.18	1433.8
89.04	-1.160	31.300	25.19	1433.6

Station 301 1 40 Heure (Gmt) 20h56

Prof. totale (m) 103 Date 13-04-1982

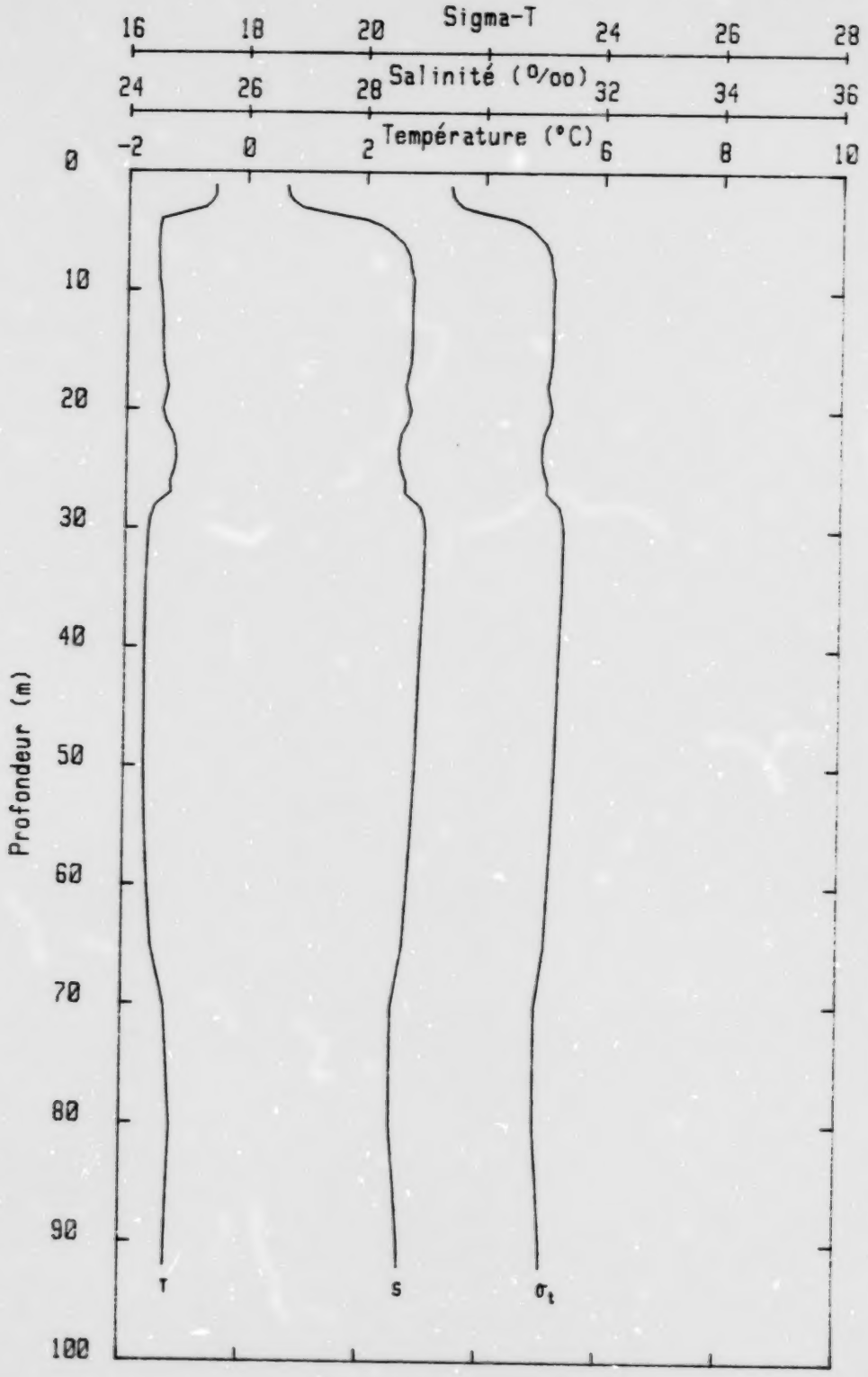


Station	301 1 40	Heure (Gmt)	20h56
Latitude	55°17.0	Date	13-04-1982
Longitude	77°54.0		
Profondeur totale (m)	103.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	0.034	1.332	0.96	1404.4
1.41	0.012	1.245	0.89	1404.1
1.61	0.011	1.201	0.85	1404.1
1.86	0.017	1.184	0.84	1404.1
2.04	0.011	1.258	0.90	1404.2
2.44	-.053	1.595	1.17	1404.3
2.60	-.085	1.691	1.25	1404.2
2.80	-.102	1.893	1.41	1404.4
2.99	-.128	2.217	1.67	1404.7
3.16	-.171	2.855	2.19	1405.4
3.33	-.236	4.063	3.17	1406.6
3.49	-.317	5.290	4.16	1407.8
3.74	-.558	8.441	6.70	1410.8
3.84	-.738	10.652	8.48	1412.8
4.01	-1.268	22.933	18.41	1426.6
4.23	-1.349	24.589	19.75	1428.4
4.40	-1.364	24.827	19.94	1428.7
4.64	-1.377	25.289	20.32	1429.2
5.01	-1.411	25.747	20.69	1429.6
5.51	-1.391	26.154	21.02	1430.2
6.50	-1.374	26.877	21.60	1431.2
7.04	-1.446	27.035	21.73	1431.0
8.04	-1.464	27.281	21.93	1431.2
9.08	-1.454	27.473	22.09	1431.4
10.05	-1.426	27.882	22.42	1432.1
11.01	-1.378	28.420	22.85	1433.0
12.00	-1.316	28.797	23.16	1433.8
13.05	-1.364	28.964	23.30	1433.7
14.08	-1.229	29.149	23.44	1434.6
15.13	-1.167	29.225	23.50	1435.0
16.14	-1.130	29.309	23.57	1435.3
17.21	-1.117	29.386	23.63	1435.4
18.00	-1.101	29.476	23.71	1435.6
19.11	-1.150	29.697	23.89	1435.5
20.29	-1.076	29.755	23.93	1436.0
25.14	-1.063	30.028	24.15	1436.2
30.04	-1.182	30.377	24.44	1435.6
35.36	-1.218	30.511	24.55	1435.2
40.13	-1.286	30.676	24.68	1434.7
45.08	-1.564	30.838	24.82	1432.4
50.01	-1.548	30.888	24.86	1432.2
55.11	-1.498	31.026	24.97	1432.4
60.20	-1.386	31.206	25.11	1433.2
65.13	-1.358	31.268	25.16	1433.2
70.10	-1.325	31.319	25.20	1433.2
80.11	-1.234	31.437	25.30	1433.6
90.15	-1.214	31.463	25.32	1433.2
99.10	-1.206	31.471	25.32	1432.8

Station 302 1 41 Heure (Gmt) 21h33

Prof. totale (m) 93 Date 13-04-1982

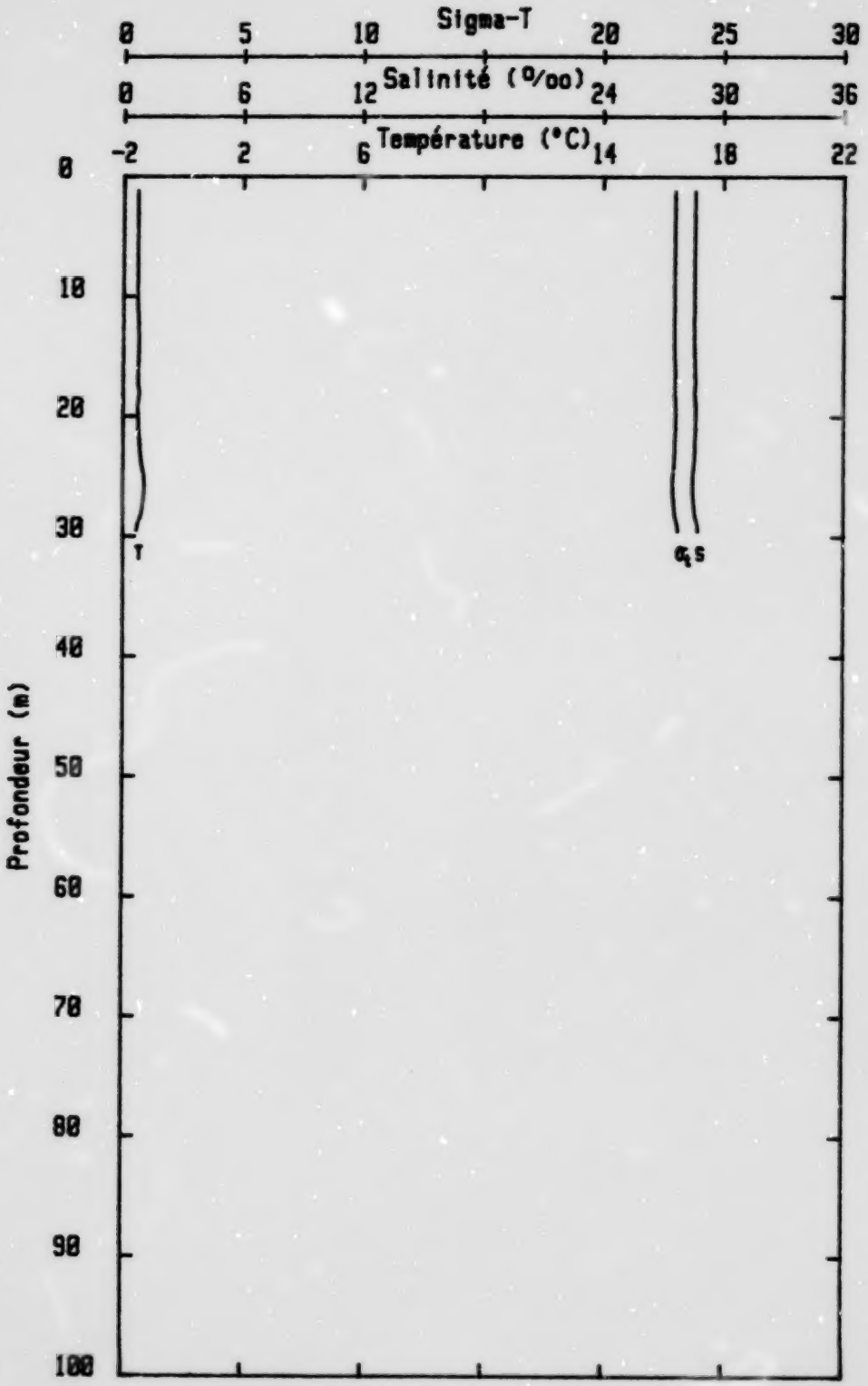


Station	302 1 41	Heure (Gmt)	21h33
Latitude	55°17.1	Date	13-04-1982
Longitude	77°59.3		
Profondeur totale (m)	93.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.23	-.538	26.669	21.42	1435.4
1.50	-.534	26.681	21.43	1435.4
2.03	-.535	26.704	21.45	1435.4
2.56	-.608	26.792	21.52	1435.2
3.03	-.703	26.931	21.64	1434.9
3.54	-1.076	27.424	22.04	1433.7
4.04	-1.445	27.998	22.51	1432.6
4.54	-1.463	28.253	22.72	1432.8
5.00	-1.474	28.393	22.83	1432.9
6.00	-1.484	28.620	23.02	1433.1
7.04	-1.479	28.731	23.11	1433.2
8.05	-1.474	28.755	23.13	1433.2
9.03	-1.467	28.805	23.17	1433.2
10.06	-1.436	28.792	23.16	1433.2
12.05	-1.402	28.784	23.15	1433.3
14.09	-1.397	28.788	23.15	1433.2
16.08	-1.380	28.772	23.14	1433.1
18.04	-1.300	28.687	23.07	1433.3
20.03	-1.387	28.779	23.15	1432.8
21.01	-1.333	28.727	23.10	1433.0
22.05	-1.216	28.621	23.01	1433.5
23.13	-1.166	28.578	22.98	1433.7
24.13	-1.159	28.580	22.98	1433.7
25.05	-1.189	28.622	23.02	1433.5
26.06	-1.258	28.694	23.08	1433.1
27.01	-1.244	28.688	23.07	1433.1
28.10	-1.511	28.945	23.28	1431.6
29.06	-1.581	29.010	23.34	1431.2
30.13	-1.616	29.037	23.36	1430.9
35.06	-1.658	29.018	23.34	1430.1
40.09	-1.667	28.961	23.30	1429.5
45.04	-1.666	28.924	23.27	1429.1
50.00	-1.664	28.892	23.24	1428.6
55.15	-1.631	28.840	23.20	1428.3
60.10	-1.577	28.779	23.15	1428.3
65.06	-1.506	28.719	23.10	1428.4
70.14	-1.275	28.535	22.95	1429.9
75.01	-1.216	28.533	22.94	1430.1
80.15	-1.155	28.537	22.95	1430.4
85.19	-1.192	28.626	23.02	1429.9
90.08	-1.228	28.693	23.07	1429.3
92.03	-1.230	28.702	23.08	1429.2

Station 233 1 42 Heure (Gmt) 22h00

Prof. totale (m) 30 Date 13-04-1982

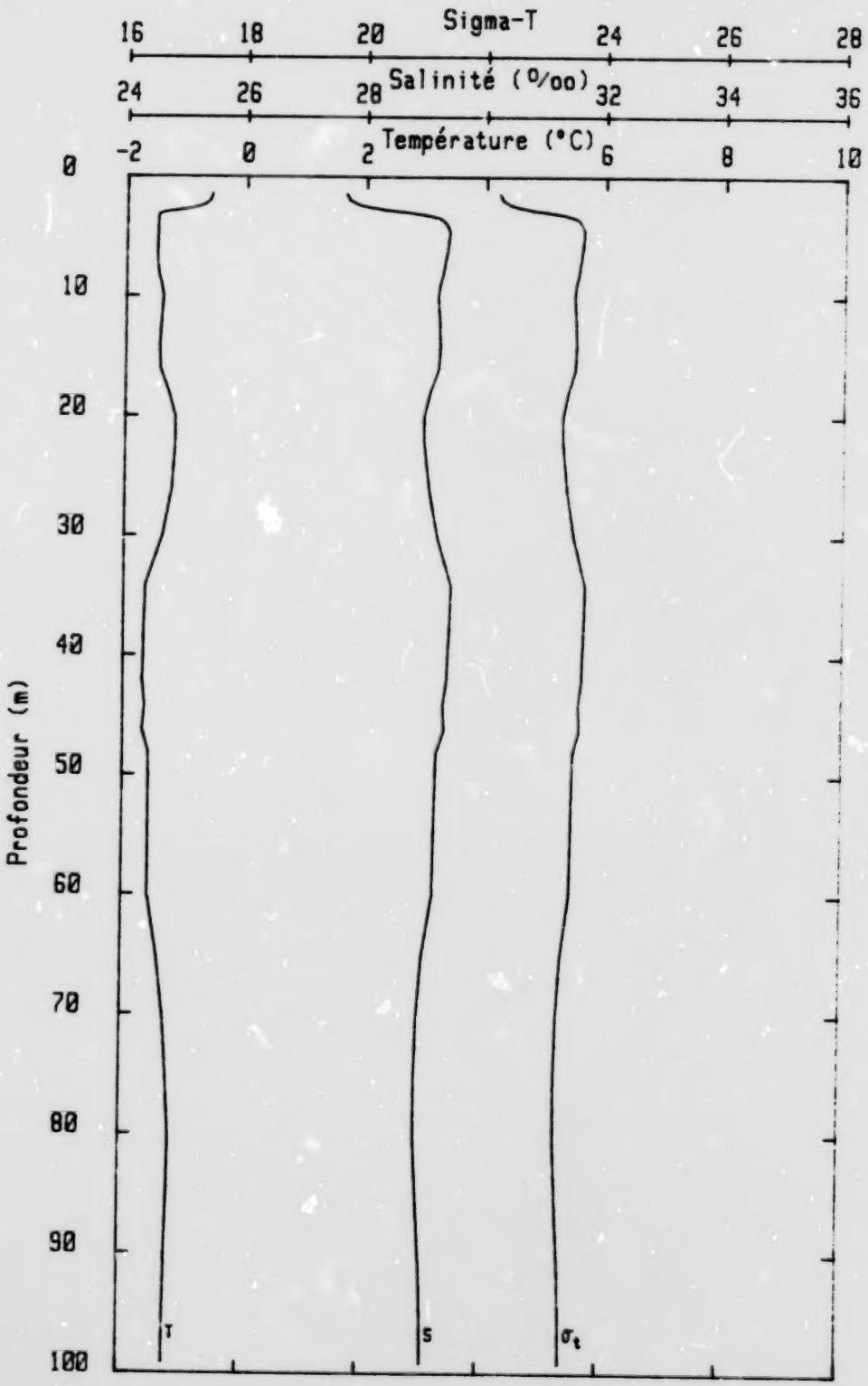


Station	233 1 42	Heure (Gmt)	22h00
Latitude	55°17.7	Date	13-04-1982
Longitude	78° 4.2		
Profondeur totale (m)	30.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.23	-1.529	28.579	22.99	1433.2
2.09	-1.529	28.572	22.98	1433.2
3.15	-1.530	28.572	22.98	1433.2
4.06	-1.528	28.567	22.98	1433.2
5.00	-1.529	28.565	22.97	1433.3
6.04	-1.528	28.559	22.97	1433.3
7.04	-1.527	28.556	22.97	1433.3
8.08	-1.527	28.553	22.96	1433.3
9.08	-1.525	28.552	22.96	1433.3
10.03	-1.525	28.552	22.96	1433.3
11.04	-1.516	28.556	22.97	1433.4
12.00	-1.489	28.541	22.95	1433.5
13.08	-1.474	28.542	22.95	1433.6
14.00	-1.473	28.550	22.96	1433.7
15.23	-1.487	28.576	22.98	1433.6
16.06	-1.500	28.594	23.00	1433.6
17.18	-1.502	28.602	23.00	1433.6
18.04	-1.461	28.568	22.98	1433.8
19.14	-1.513	28.623	23.02	1433.6
20.16	-1.493	28.609	23.01	1433.7
21.00	-1.491	28.612	23.01	1433.8
22.11	-1.447	28.577	22.98	1433.9
23.00	-1.432	28.569	22.98	1434.0
24.01	-1.379	28.528	22.94	1434.2
25.08	-1.298	28.463	22.89	1434.5
26.19	-1.286	28.465	22.89	1434.6
27.01	-1.325	28.509	22.93	1434.5
28.13	-1.387	28.578	22.98	1434.3
29.03	-1.519	28.712	23.09	1433.9
29.51	-1.539	28.734	23.11	1433.8

Station 232 1 43 Heure (Gmt) 22h36

Prof. totale (m) 102 Date 13-04-1982

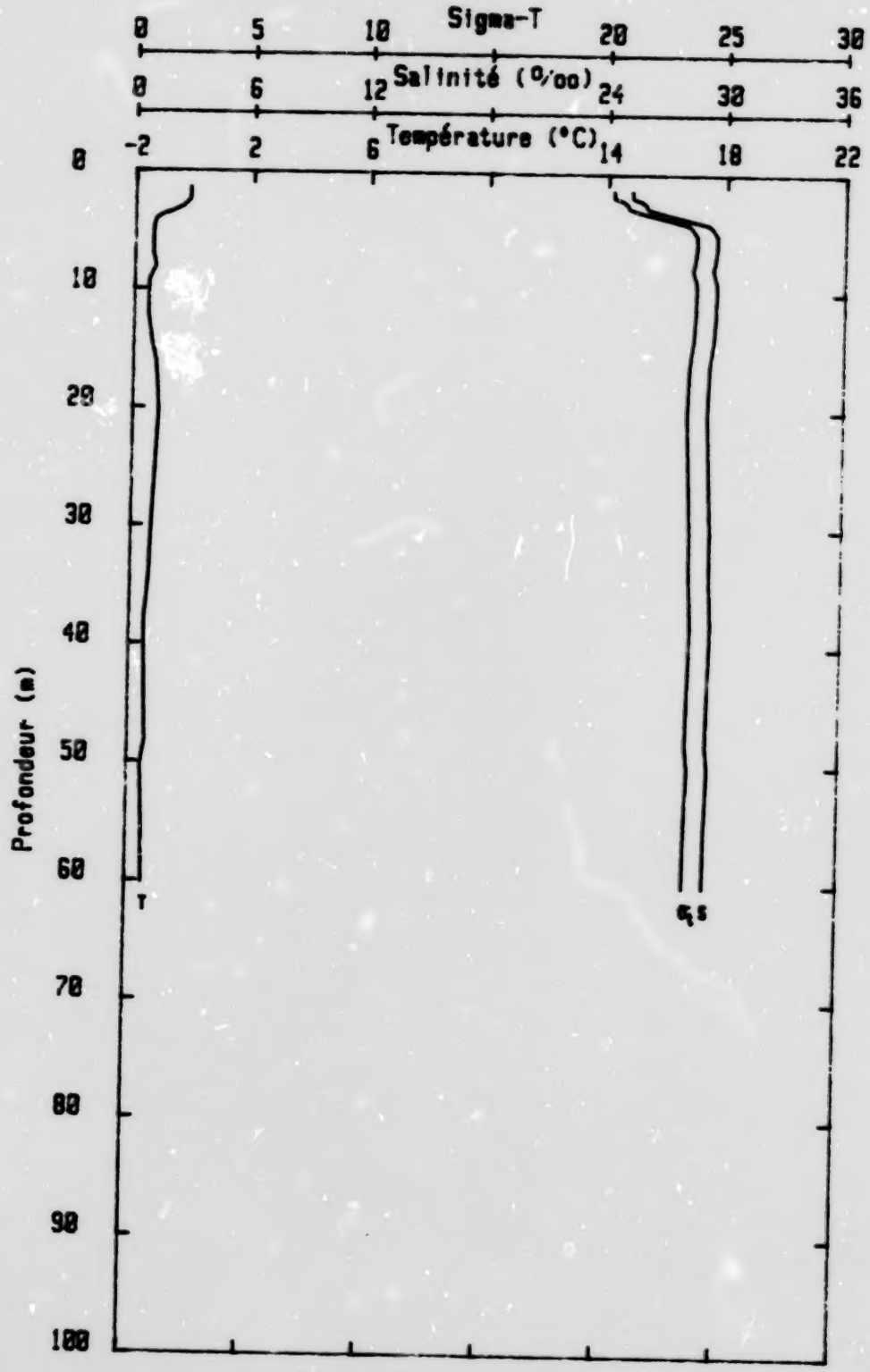


Station	232 1 43	Heure (Gmt)	22h36
Latitude	55°15.2	Date	13-04-1982
Longitude	78° 1.5		
Profondeur totale (m)	102.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.46	-.585	27.659	22.22	1436.5
1.90	-.610	27.710	22.27	1436.4
2.01	-.617	27.731	22.28	1436.4
2.25	-.674	27.822	22.36	1436.3
2.40	-.719	27.891	22.42	1436.1
2.60	-.833	28.068	22.56	1435.8
2.80	-1.043	28.317	22.77	1435.1
3.03	-1.373	28.736	23.11	1434.0
3.20	-1.470	28.977	23.31	1433.8
3.48	-1.483	29.221	23.51	1434.1
3.66	-1.481	29.282	23.56	1434.2
4.01	-1.482	29.342	23.60	1434.2
4.23	-1.484	29.366	23.62	1434.2
4.49	-1.484	29.382	23.64	1434.2
4.61	-1.485	29.385	23.64	1434.2
5.09	-1.487	29.381	23.64	1434.2
5.50	-1.489	29.367	23.62	1434.1
6.15	-1.492	29.352	23.61	1434.0
7.01	-1.486	29.320	23.59	1433.9
8.20	-1.461	29.280	23.55	1433.9
9.01	-1.415	29.232	23.51	1434.0
9.66	-1.393	29.217	23.50	1434.1
10.00	-1.380	29.205	23.49	1434.1
12.13	-1.410	29.236	23.52	1433.8
14.16	-1.435	29.251	23.53	1433.6
16.13	-1.416	29.223	23.51	1433.5
18.01	-1.275	29.084	23.39	1434.0
20.04	-1.161	28.990	23.31	1434.4
22.11	-1.157	28.996	23.32	1434.3
26.15	-1.212	29.087	23.39	1433.9
30.10	-1.360	29.231	23.51	1432.9
34.15	-1.635	29.469	23.71	1431.0
38.03	-1.658	29.443	23.69	1430.4
40.23	-1.663	29.420	23.67	1430.2
42.00	-1.676	29.410	23.66	1429.9
44.13	-1.634	29.348	23.61	1430.0
46.24	-1.673	29.368	23.63	1429.5
48.08	-1.564	29.243	23.52	1430.0
50.18	-1.560	29.229	23.51	1429.9
55.01	-1.559	29.215	23.50	1429.5
60.00	-1.556	29.201	23.49	1429.0
65.15	-1.391	29.040	23.36	1429.9
70.25	-1.276	28.964	23.29	1430.5
75.15	-1.213	28.936	23.27	1430.7
80.26	-1.160	28.938	23.27	1430.9
85.20	-1.177	28.989	23.31	1430.5
90.08	-1.209	29.044	23.36	1430.0
95.11	-1.227	29.078	23.39	1429.5
99.15	-1.229	29.088	23.39	1429.3

Station 231 1 44 Heure (Gmt) 23h10

Prof. totale (m) 63 Date 13-04-1982

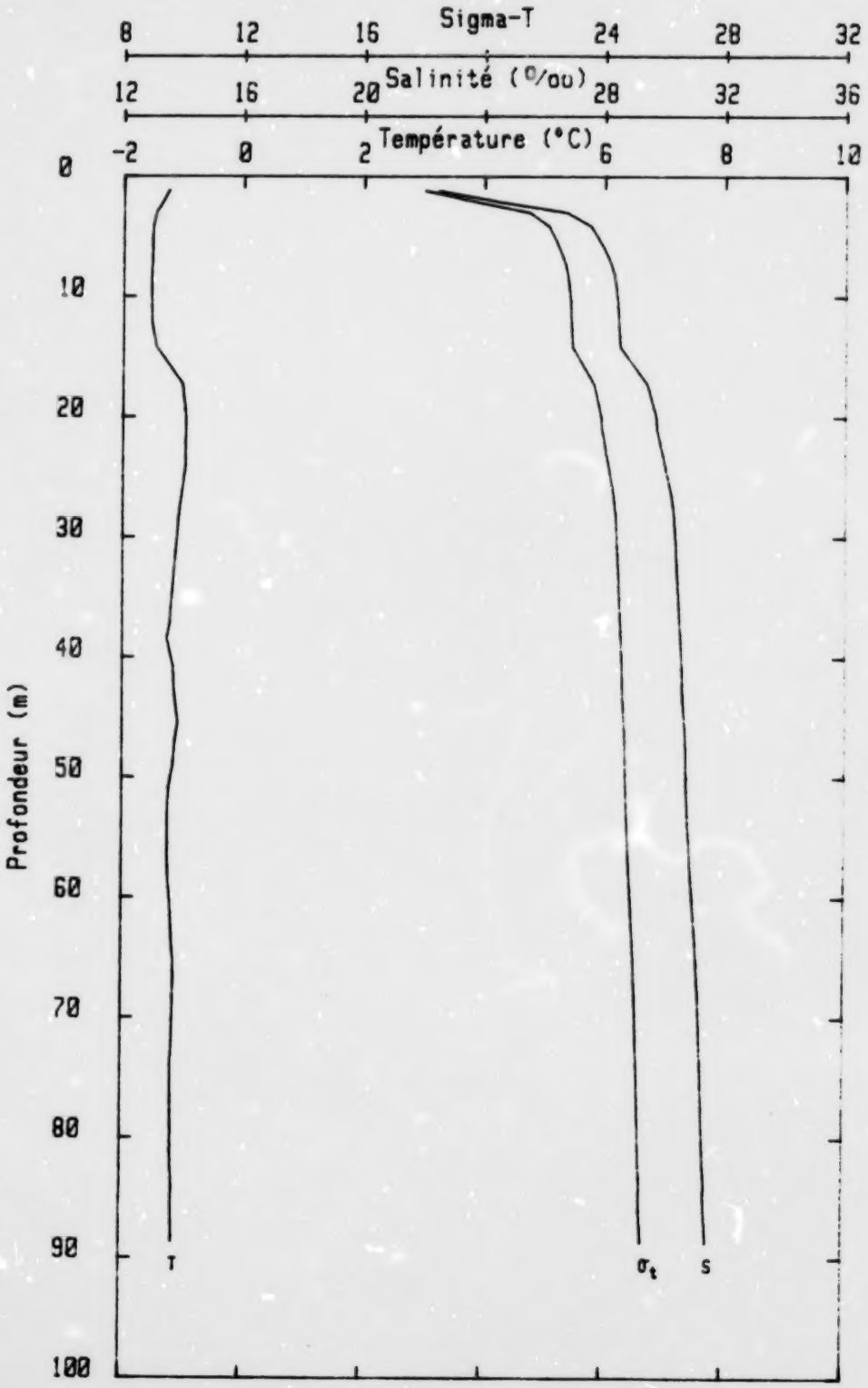


Station	231 1 44	Heure (Gmt)	23h10
Latitude	55°13.6	Date	13-04-1982
Longitude	77°58.7		
Profondeur totale (m)	63.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.40	-.145	25.192	20.22	1435.1
1.80	-.143	25.194	20.23	1435.1
2.00	-.136	25.230	20.25	1435.2
2.23	-.147	25.647	20.59	1435.7
2.46	-.176	25.862	20.77	1435.9
2.93	-.358	26.022	20.90	1435.3
3.01	-.409	26.225	21.06	1435.3
3.28	-.630	26.780	21.52	1435.0
3.51	-.857	27.423	22.04	1434.8
3.60	-.992	27.640	22.22	1434.5
4.03	-1.304	28.682	23.07	1434.5
4.23	-1.331	29.109	23.41	1434.9
4.45	-1.355	29.260	23.54	1435.0
5.13	-1.385	29.525	23.75	1435.3
6.00	-1.388	29.529	23.75	1435.3
7.00	-1.365	29.460	23.70	1435.3
8.03	-1.274	29.333	23.59	1435.6
9.14	-1.498	29.529	23.76	1434.8
9.54	-1.505	29.529	23.76	1434.8
10.00	-1.511	29.526	23.75	1434.8
12.13	-1.503	29.489	23.72	1434.8
14.01	-1.396	29.411	23.66	1435.2
16.09	-1.216	29.227	23.51	1435.9
18.18	-1.149	29.164	23.45	1436.1
20.14	-1.111	29.131	23.43	1436.3
30.13	-1.318	29.336	23.60	1435.7
34.08	-1.363	29.347	23.61	1435.6
38.10	-1.499	29.447	23.69	1435.2
40.15	-1.484	29.410	23.66	1435.2
44.09	-1.447	29.346	23.61	1435.4
48.16	-1.402	29.284	23.56	1435.6
50.06	-1.542	29.410	23.66	1435.1
55.15	-1.465	29.302	23.57	1435.4
60.20	-1.434	29.256	23.53	1435.6

Station 212 1 45 Heure (Gmt) 21h23

Prof. totale (m) 100 Date 14-04-1982

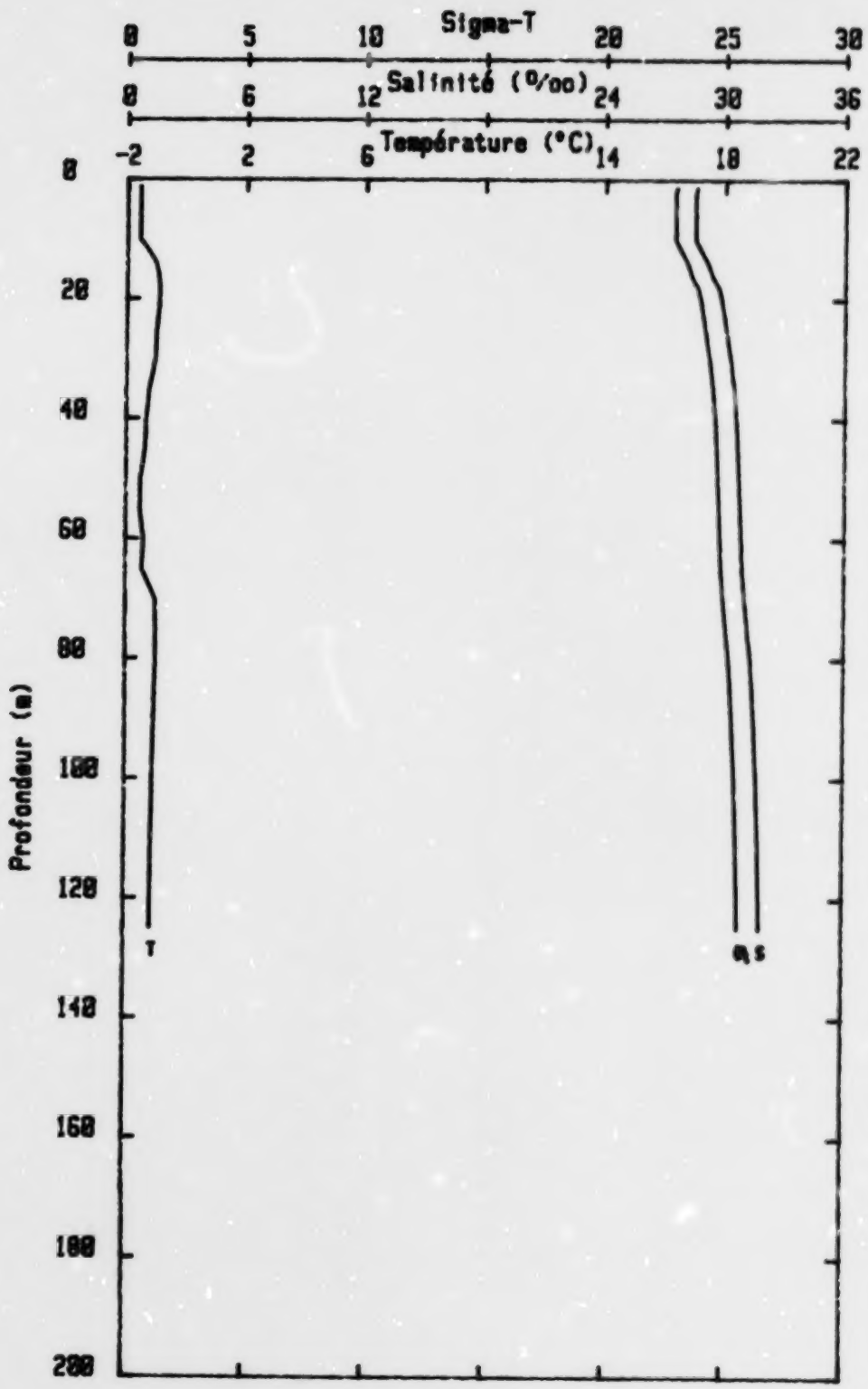


Station	212 1 45	Heure (Gmt)	21h23
Latitude	55°47.1	Date	14-04-1982
Longitude	77°11.4		
Profondeur totale (m)	100.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.21	-1.249	22.482	18.04	1426.3
2.08	-1.342	24.392	19.59	1428.4
3.03	-1.461	26.740	21.49	1430.9
4.18	-1.514	27.541	22.14	1431.6
5.11	-1.522	27.776	22.33	1431.8
6.06	-1.523	27.986	22.50	1432.0
7.26	-1.526	28.209	22.68	1432.2
8.24	-1.535	28.319	22.77	1432.2
9.13	-1.534	28.371	22.82	1432.2
10.35	-1.532	28.432	22.87	1432.2
12.15	-1.524	28.470	22.90	1432.2
14.21	-1.446	28.526	22.94	1432.5
17.31	-1.006	29.428	23.67	1436.1
19.98	-.948	29.720	23.90	1436.7
21.03	-.948	29.757	23.93	1436.7
22.20	-.956	29.860	24.01	1436.7
24.10	-.955	30.027	24.15	1436.9
26.56	-1.021	30.244	24.33	1436.7
28.04	-1.062	30.320	24.39	1436.4
30.70	-1.104	30.389	24.45	1436.1
32.23	-1.131	30.422	24.47	1435.9
35.95	-1.191	30.502	24.54	1435.4
37.20	-1.204	30.525	24.56	1435.2
38.46	-1.255	30.559	24.59	1434.8
40.75	-1.148	30.608	24.62	1435.5
42.90	-1.127	30.626	24.64	1435.6
45.44	-1.067	30.700	24.70	1436.0
46.89	-1.115	30.735	24.73	1435.6
49.06	-1.152	30.752	24.74	1435.2
50.88	-1.218	30.772	24.76	1434.6
52.29	-1.236	30.796	24.78	1434.4
56.75	-1.232	30.899	24.86	1434.3
57.56	-1.226	30.917	24.88	1434.3
59.30	-1.207	30.966	24.92	1434.5
60.05	-1.189	30.988	24.93	1434.6
63.90	-1.150	31.101	25.02	1434.9
65.33	-1.124	31.132	25.05	1435.1
67.00	-1.122	31.159	25.07	1435.0
68.10	-1.132	31.191	25.10	1434.9
72.01	-1.149	31.246	25.14	1434.6
74.00	-1.167	31.278	25.17	1434.4
79.51	-1.156	31.349	25.22	1434.3
80.81	-1.157	31.368	25.24	1434.2
82.39	-1.151	31.394	25.26	1434.2
83.78	-1.133	31.429	25.29	1434.4
85.28	-1.133	31.437	25.30	1434.3
86.06	-1.129	31.446	25.30	1434.3
88.29	-1.120	31.509	25.35	1434.3
88.70	-1.120	31.509	25.35	1434.3

Station 216 1 46 Heure (Gmt) 21h58

Prof. totale (m) 130 Date 14-04-1982

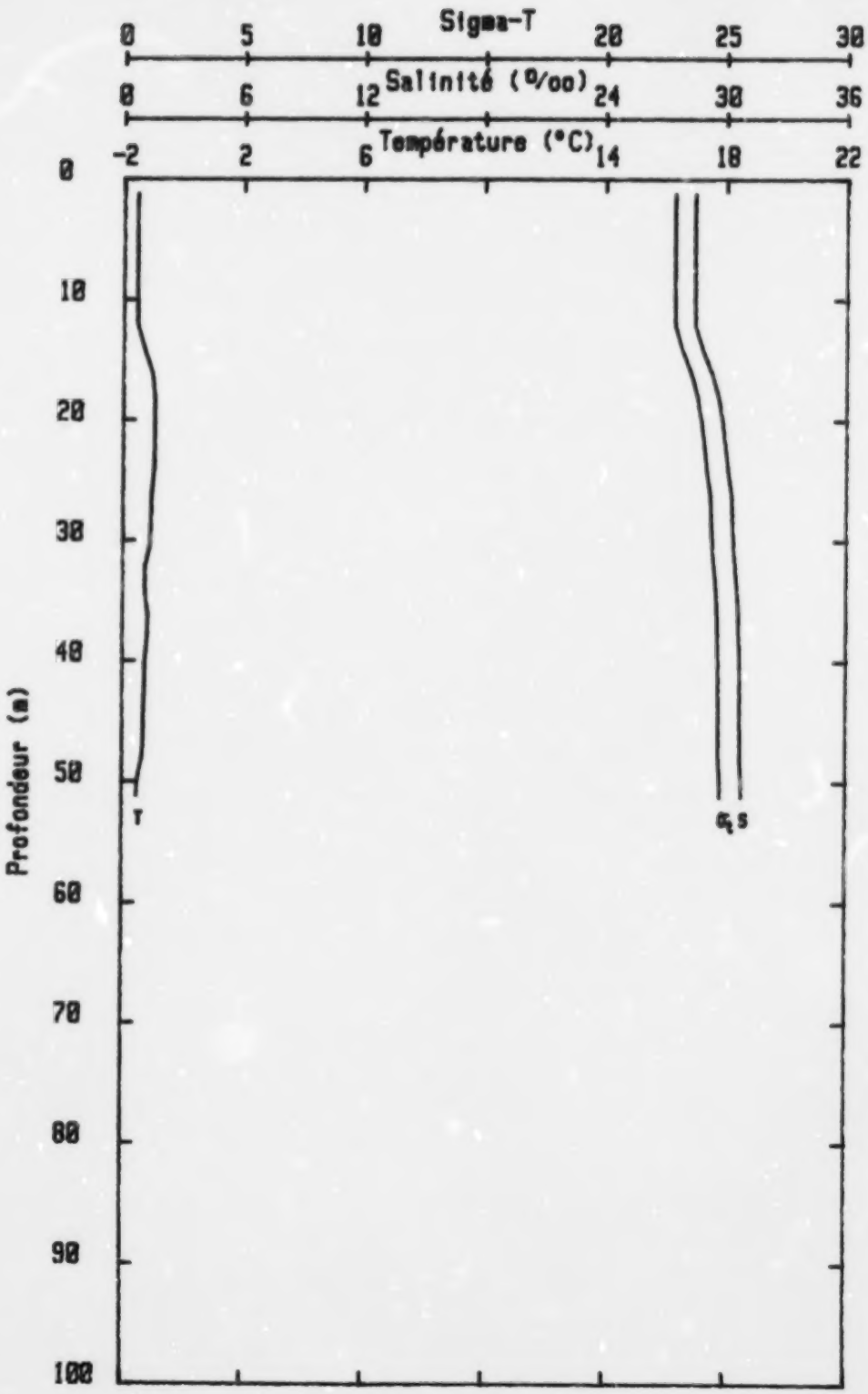


Station	216 1 46	Heure (Gmt)	21h58
Latitude	55°51.9	Date	14-04-1982
Longitude	77°19.4		
Profondeur totale (m)	130.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.26	-1.575	28.547	22.96	1432.9
2.01	-1.576	28.474	22.90	1432.7
3.01	-1.576	28.470	22.90	1432.6
4.00	-1.577	28.473	22.90	1432.6
5.05	-1.576	28.473	22.90	1432.5
6.00	-1.576	28.477	22.90	1432.4
7.06	-1.572	28.478	22.90	1432.3
8.04	-1.573	28.480	22.91	1432.3
9.08	-1.574	28.463	22.91	1432.2
10.00	-1.574	28.485	22.91	1432.1
12.04	-1.276	28.816	23.17	1434.0
14.03	-1.026	29.133	23.43	1435.7
16.06	-.944	29.334	23.59	1436.4
18.06	-.906	29.669	23.86	1437.0
20.13	-.906	29.817	23.98	1437.1
25.13	-1.000	30.047	24.17	1436.6
30.08	-1.033	30.278	24.35	1436.4
35.03	-1.236	30.456	24.50	1435.0
40.10	-1.341	30.571	24.60	1434.1
45.03	-1.369	30.652	24.66	1433.7
50.14	-1.520	30.710	24.71	1432.2
55.03	-1.530	30.780	24.77	1431.8
60.04	-1.400	30.838	24.82	1432.6
65.09	-1.456	30.899	24.87	1431.8
70.15	-.994	31.035	24.97	1435.8
75.18	-.980	31.186	25.09	1435.9
80.13	-.982	31.331	25.21	1435.9
85.01	-1.012	31.437	25.29	1435.5
90.08	-1.034	31.522	25.36	1435.2
95.10	-1.054	31.594	25.42	1434.8
100.01	-1.076	31.668	25.48	1434.4
105.04	-1.079	31.713	25.52	1434.2
110.08	-1.100	31.770	25.56	1433.7
115.05	-1.106	31.797	25.59	1433.4
120.00	-1.113	31.841	25.62	1433.1
125.00	-1.111	31.862	25.64	1432.9

Station 286 1 47 Heure (Gmt) 22h49

Prof. totale (m) 60 Date 14-04-1982

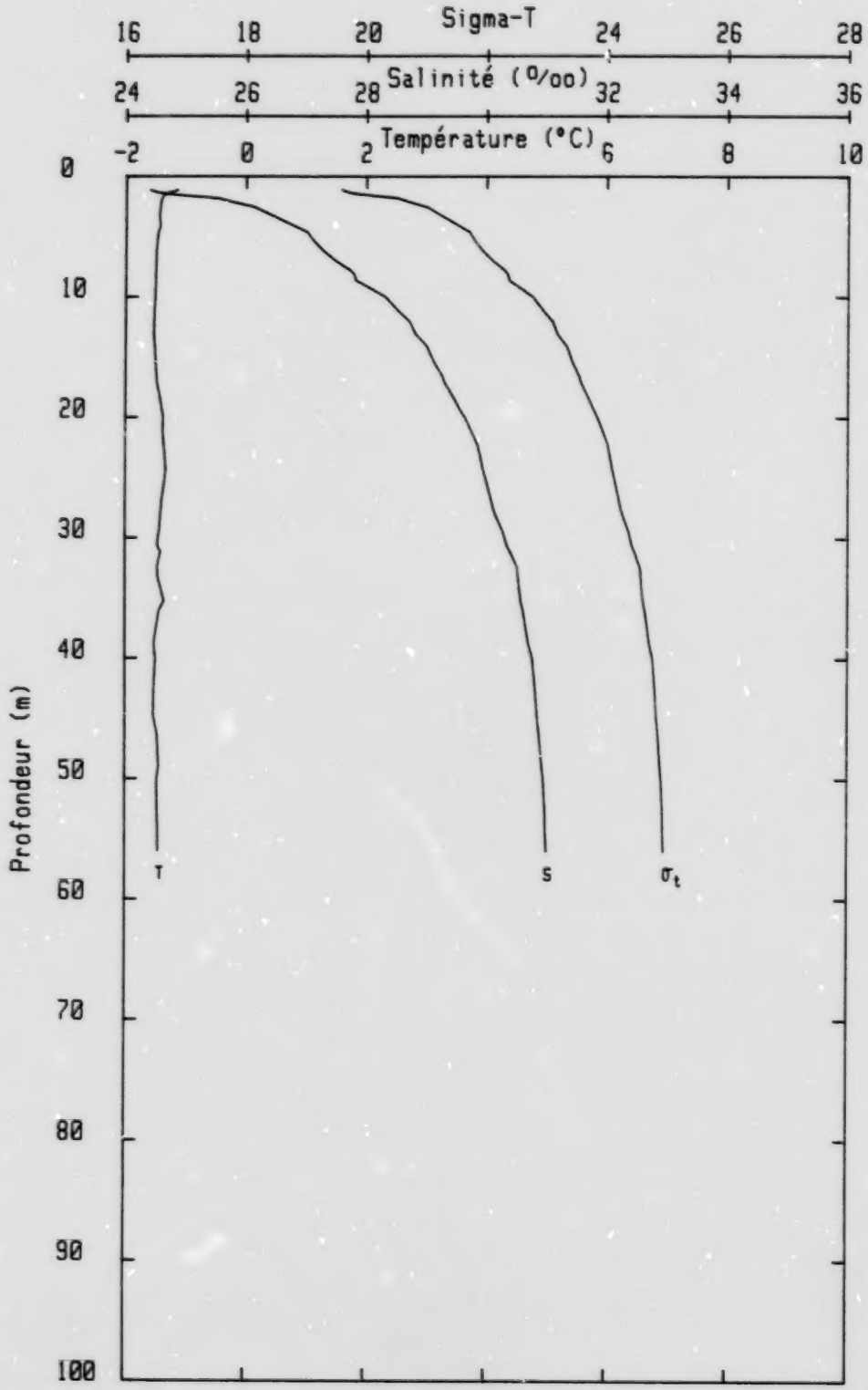


Station	286 1 47	Heure (Gmt)	22h49
Latitude	55°39.3	Date	14-04-1982
Longitude	77°30.0		
Profondeur totale (m)	60.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.23	-1.555	28.442	22.87	1432.9
2.00	-1.563	28.409	22.85	1432.7
3.13	-1.563	28.408	22.85	1432.6
4.00	-1.563	28.410	22.85	1432.5
5.00	-1.563	28.412	22.85	1432.5
6.03	-1.562	28.415	22.85	1432.4
7.04	-1.561	28.415	22.85	1432.3
8.03	-1.560	28.422	22.86	1432.2
9.03	-1.559	28.422	22.86	1432.2
10.01	-1.556	28.422	22.86	1432.1
12.06	-1.542	28.446	22.88	1432.0
14.20	-1.295	28.838	23.19	1433.8
16.06	-1.040	29.289	23.55	1435.8
18.01	-.955	29.614	23.81	1436.6
20.11	-.954	29.826	23.99	1436.8
22.09	-.956	29.972	24.10	1436.9
24.16	-.973	30.105	24.21	1436.9
26.10	-1.052	30.274	24.35	1436.5
28.03	-1.069	30.324	24.39	1436.4
30.23	-1.092	30.377	24.44	1436.2
32.10	-1.266	30.474	24.52	1435.8
34.15	-1.272	30.576	24.60	1435.8
36.09	-1.168	30.648	24.66	1435.7
38.04	-1.184	30.678	24.68	1435.5
40.05	-1.265	30.717	24.72	1434.9
42.09	-1.274	30.724	24.72	1434.7
44.11	-1.299	30.731	24.73	1434.4
46.20	-1.304	30.741	24.74	1434.2
48.04	-1.345	30.753	24.75	1433.8
50.10	-1.506	30.818	24.80	1432.5
51.20	-1.518	30.832	24.81	1432.3

Station 221 1 48 Heure (Gmt) 14h00

Prof. totale (m) 65 Date 15-04-1982

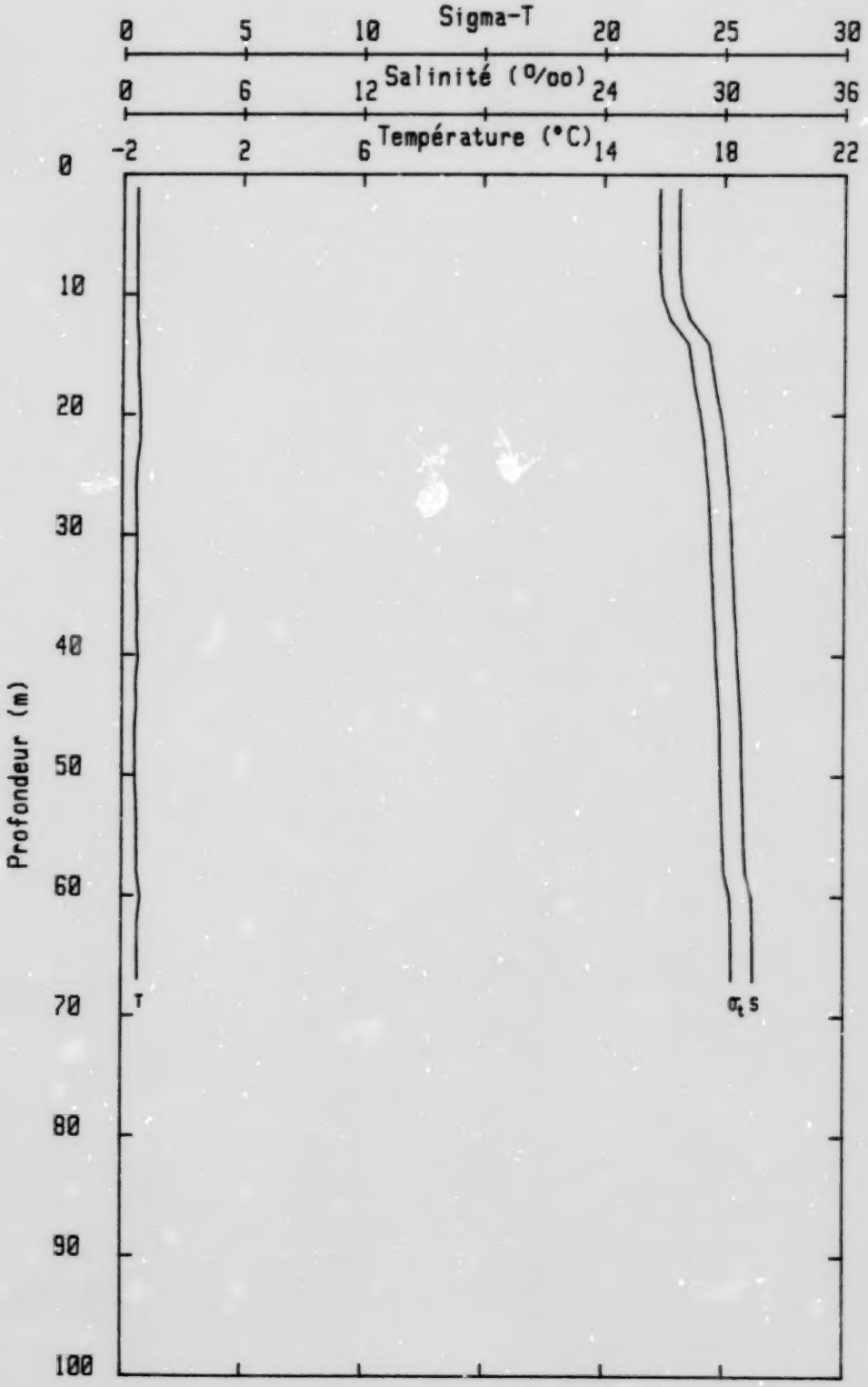


Station	221 1 48	Heure (Gmt)	14h00
Latitude	55°10.6	Date	15-04-1982
Longitude	78° 7.0		
Profondeur totale (m)	65.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.16	-1.144	24.403	19.60	1429.4
1.35	-1.288	24.528	19.70	1428.9
1.45	-1.341	24.650	19.80	1428.7
1.63	-1.381	25.031	20.11	1429.1
1.83	-1.407	25.529	20.51	1429.6
2.19	-1.425	25.808	20.74	1429.9
2.56	-1.434	26.137	21.00	1430.2
3.19	-1.447	26.394	21.21	1430.5
4.16	-1.430	26.805	21.55	1431.0
4.65	-1.469	27.014	21.72	1431.1
5.39	-1.483	27.125	21.81	1431.1
6.19	-1.496	27.277	21.93	1431.2
6.76	-1.498	27.423	22.05	1431.3
7.06	-1.499	27.496	22.11	1431.4
7.84	-1.503	27.738	22.30	1431.6
8.18	-1.505	27.802	22.35	1431.7
8.66	-1.504	27.825	22.37	1431.7
9.24	-1.510	28.041	22.55	1431.9
10.03	-1.515	28.315	22.77	1432.2
11.25	-1.525	28.546	22.96	1432.3
12.05	-1.531	28.720	23.10	1432.5
13.08	-1.533	28.814	23.18	1432.5
14.10	-1.516	29.007	23.33	1432.8
15.44	-1.500	29.128	23.43	1432.9
16.60	-1.483	29.267	23.54	1433.1
17.03	-1.481	29.295	23.57	1433.1
18.40	-1.425	29.457	23.70	1433.6
19.25	-1.399	29.547	23.77	1433.8
20.03	-1.372	29.644	23.85	1434.0
21.08	-1.380	29.743	23.93	1434.1
22.26	-1.357	29.854	24.02	1434.3
23.23	-1.344	29.899	24.05	1434.3
24.35	-1.325	29.948	24.09	1434.5
25.79	-1.360	30.026	24.16	1434.2
26.85	-1.395	30.083	24.20	1434.0
27.48	-1.403	30.112	24.23	1434.0
28.00	-1.412	30.148	24.26	1433.9
29.48	-1.435	30.280	24.36	1433.8
30.61	-1.468	30.346	24.42	1433.6
31.18	-1.413	30.405	24.46	1434.0
32.45	-1.464	30.516	24.56	1433.7
33.25	-1.456	30.531	24.57	1433.7
35.29	-1.350	30.579	24.61	1434.4
36.05	-1.437	30.618	24.64	1433.8
38.76	-1.517	30.707	24.71	1433.1
40.03	-1.494	30.775	24.77	1433.3
42.55	-1.521	30.822	24.81	1432.9
44.74	-1.525	30.854	24.83	1432.8
46.38	-1.460	30.890	24.86	1433.2
48.91	-1.436	30.937	24.90	1433.3
50.15	-1.467	30.963	24.92	1433.0
52.55	-1.460	30.990	24.94	1432.9
54.41	-1.449	30.998	24.95	1432.8
56.01	-1.448	31.015	24.96	1432.7

Station 222 1 49 Heure (Gmt) 14h44

Prof. totale (m) 70 Date 15-04-1982

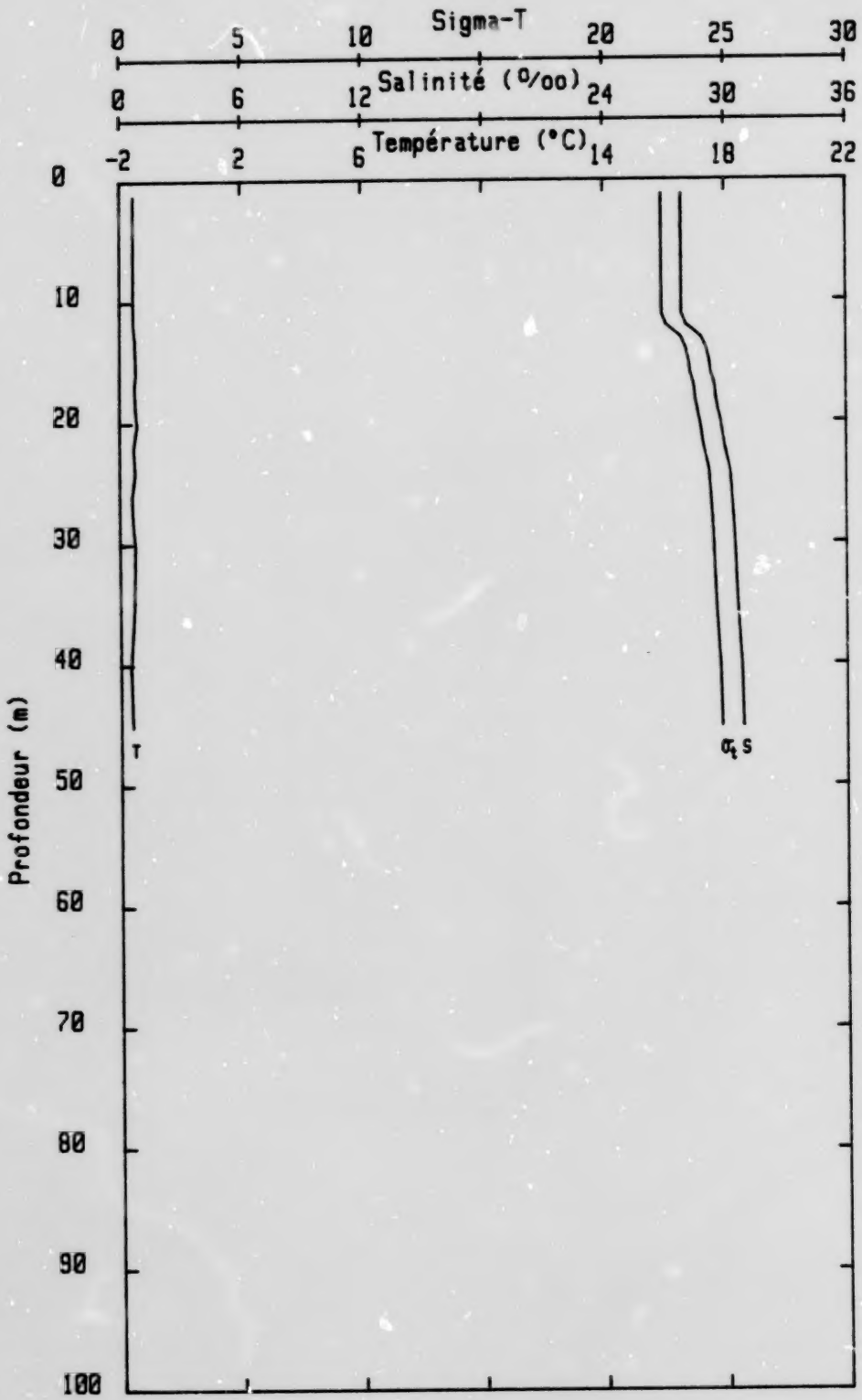


Station	222	1 49	Heure (Gmt)	14h44
Latitude		55°12.7	Date	15-04-1982
Longitude		78°10.2		
Profondeur totale (m)		70.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.21	-1.533	27.744	22.31	1432.0
2.06	-1.536	27.730	22.30	1432.0
3.06	-1.535	27.730	22.30	1432.0
4.04	-1.535	27.731	22.30	1432.1
5.01	-1.535	27.732	22.30	1432.1
6.04	-1.533	27.744	22.31	1432.1
7.09	-1.534	27.748	22.31	1432.1
8.01	-1.535	27.755	22.32	1432.2
9.01	-1.529	27.825	22.37	1432.3
10.14	-1.527	27.881	22.42	1432.4
12.04	-1.526	28.280	22.74	1433.0
14.09	-1.466	29.238	23.52	1434.6
16.03	-1.479	29.406	23.66	1434.8
18.04	-1.426	29.599	23.81	1435.4
20.03	-1.398	29.849	24.01	1435.9
22.08	-1.401	30.029	24.16	1436.2
24.13	-1.508	30.138	24.25	1435.9
26.15	-1.534	30.271	24.36	1436.0
28.08	-1.516	30.333	24.41	1436.2
30.10	-1.504	30.381	24.45	1436.3
32.05	-1.500	30.419	24.48	1436.4
34.13	-1.528	30.502	24.55	1436.4
36.20	-1.493	30.545	24.58	1436.7
38.08	-1.519	30.639	24.66	1436.7
40.15	-1.473	30.667	24.68	1437.0
42.21	-1.548	30.761	24.76	1436.8
44.14	-1.525	30.830	24.81	1437.1
46.15	-1.577	30.897	24.87	1437.0
48.16	-1.567	30.914	24.88	1437.1
50.14	-1.565	30.944	24.91	1437.1
52.13	-1.521	30.986	24.94	1437.4
54.13	-1.495	31.019	24.96	1437.7
56.18	-1.495	31.067	25.00	1437.8
58.04	-1.490	31.126	25.05	1437.9
60.09	-1.378	31.424	25.29	1438.9
62.06	-1.463	31.480	25.34	1438.6
64.05	-1.470	31.495	25.35	1438.6
66.06	-1.460	31.502	25.36	1438.7
67.04	-1.459	31.504	25.36	1438.7

Station 223 1 50 Heure (Gmt) 15h12

Prof. totale (m) 45 Date 15-04-1982

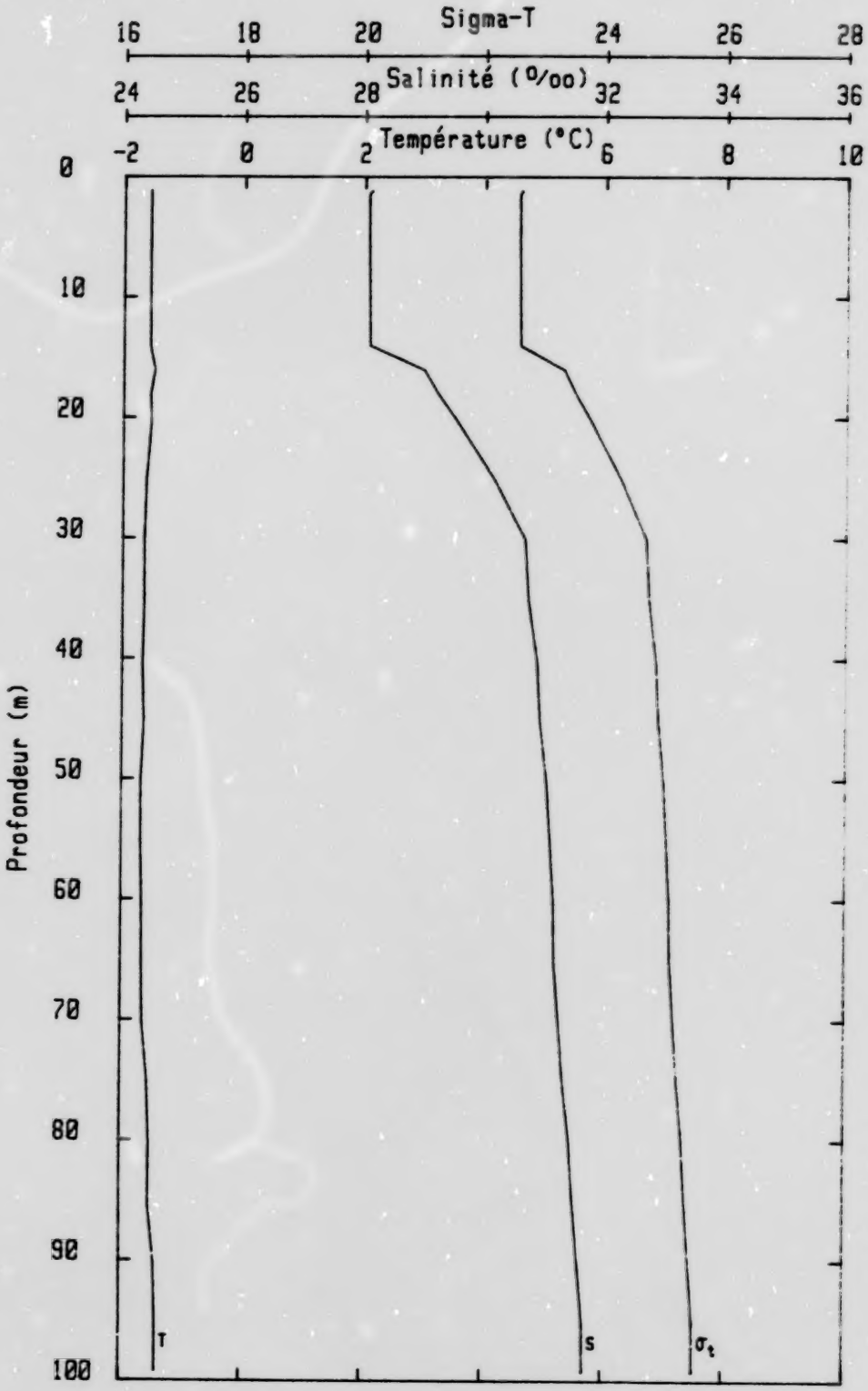


Station	223 1 50	Heure (Gmt)	15h12
Latitude	55°15.1	Date	15-04-1982
Longitude	78°12.9		
Profondeur totale (m)	45.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.25	-1.546	27.871	22.41	1432.1
1.41	-1.547	27.861	22.40	1432.1
1.60	-1.548	27.861	22.40	1432.1
1.80	-1.548	27.861	22.40	1432.1
2.03	-1.549	27.861	22.40	1432.1
2.25	-1.548	27.861	22.40	1432.1
2.44	-1.548	27.861	22.40	1432.1
2.63	-1.547	27.861	22.40	1432.2
2.83	-1.548	27.863	22.40	1432.2
3.01	-1.548	27.862	22.40	1432.2
3.26	-1.547	27.862	22.40	1432.2
3.41	-1.547	27.862	22.40	1432.2
3.65	-1.548	27.863	22.40	1432.2
3.81	-1.547	27.863	22.40	1432.2
4.04	-1.548	27.863	22.40	1432.2
4.24	-1.547	27.864	22.41	1432.2
4.40	-1.548	27.865	22.41	1432.2
4.65	-1.548	27.867	22.41	1432.2
4.89	-1.547	27.866	22.41	1432.2
5.04	-1.547	27.867	22.41	1432.2
5.55	-1.548	27.867	22.41	1432.2
6.05	-1.548	27.867	22.41	1432.2
6.58	-1.548	27.867	22.41	1432.2
7.06	-1.547	27.867	22.41	1432.2
7.51	-1.547	27.868	22.41	1432.2
8.04	-1.547	27.868	22.41	1432.2
8.53	-1.548	27.870	22.41	1432.3
9.01	-1.547	27.870	22.41	1432.3
9.53	-1.548	27.872	22.41	1432.3
10.03	-1.548	27.873	22.41	1432.3
11.11	-1.546	27.877	22.42	1432.3
12.06	-1.531	28.099	22.60	1432.7
13.08	-1.488	28.849	23.20	1434.0
14.04	-1.476	29.114	23.42	1434.4
15.03	-1.463	29.252	23.53	1434.7
16.00	-1.462	29.321	23.59	1434.8
17.04	-1.501	29.510	23.74	1434.9
18.06	-1.473	29.566	23.79	1435.1
19.21	-1.461	29.696	23.89	1435.4
20.09	-1.421	29.815	23.99	1435.8
22.10	-1.534	29.996	24.14	1435.5
24.08	-1.482	30.267	24.35	1436.2
26.05	-1.592	30.355	24.43	1435.8
28.05	-1.563	30.435	24.49	1436.1
30.18	-1.492	30.500	24.54	1436.5
35.01	-1.535	30.612	24.64	1436.6
40.18	-1.666	30.808	24.80	1436.3
45.19	-1.608	30.887	24.86	1436.8

Station 224 1 51 Heure (Gmt) 15h44

Prof. totale (m) 103 Date 15-04-1982

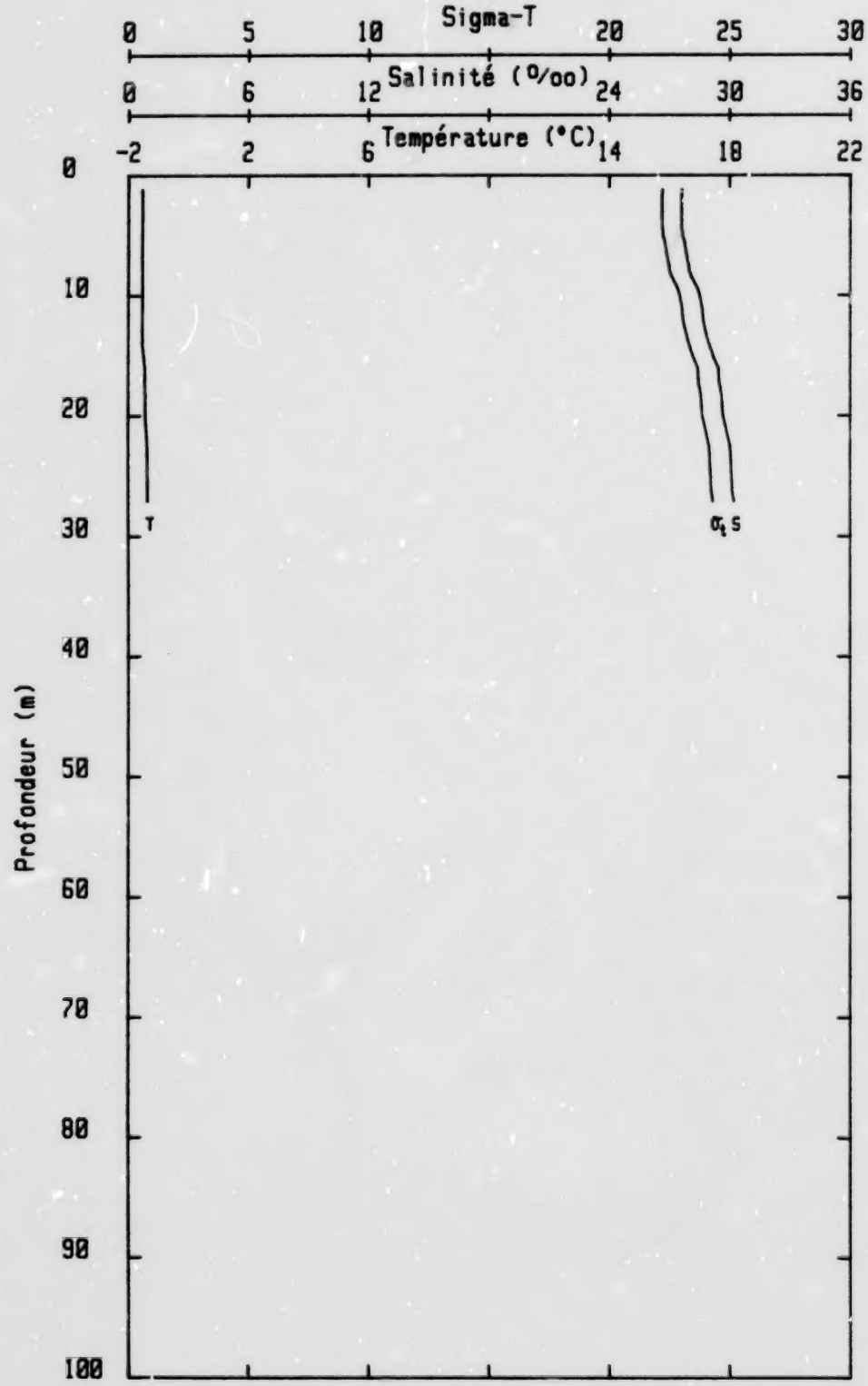


Station	224 1 51	Heure (Gmt)	15h44
Latitude	55°17.3	Date	15-04-1982
Longitude	78°16.1		
Profondeur totale (m)	103.8		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.559	28.106	22.60	1432.4
1.43	-1.562	28.068	22.57	1432.3
1.60	-1.561	28.063	22.57	1432.3
2.09	-1.560	28.062	22.57	1432.2
2.20	-1.560	28.066	22.57	1432.2
2.41	-1.560	28.061	22.57	1432.2
2.63	-1.561	28.062	22.57	1432.2
3.00	-1.562	28.063	22.57	1432.2
3.23	-1.561	28.066	22.57	1432.2
3.43	-1.562	28.067	22.57	1432.1
3.66	-1.560	28.066	22.57	1432.1
3.88	-1.561	28.066	22.57	1432.1
4.09	-1.560	28.065	22.57	1432.1
4.23	-1.561	28.066	22.57	1432.1
4.40	-1.561	28.066	22.57	1432.1
4.66	-1.560	28.065	22.57	1432.0
4.85	-1.560	28.065	22.57	1432.0
5.09	-1.559	28.064	22.57	1432.0
5.63	-1.561	28.067	22.57	1432.0
6.06	-1.560	28.067	22.57	1431.9
6.53	-1.562	28.070	22.57	1431.9
7.08	-1.561	28.071	22.57	1431.8
7.53	-1.561	28.071	22.57	1431.8
8.04	-1.560	28.072	22.57	1431.8
8.51	-1.559	28.074	22.58	1431.7
9.05	-1.559	28.075	22.58	1431.7
9.50	-1.560	28.077	22.58	1431.7
10.00	-1.559	28.077	22.58	1431.6
12.05	-1.559	28.083	22.58	1431.5
14.05	-1.556	28.091	22.59	1431.3
16.06	-1.479	28.991	23.32	1432.8
18.05	-1.547	29.225	23.51	1432.6
20.13	-1.531	29.521	23.75	1432.9
25.10	-1.608	30.165	24.27	1432.9
30.08	-1.641	30.688	24.70	1433.0
35.14	-1.635	30.751	24.75	1432.6
40.26	-1.658	30.897	24.87	1432.2
45.14	-1.627	30.947	24.91	1432.1
50.03	-1.676	31.056	25.00	1431.4
55.16	-1.669	31.124	25.05	1431.1
60.19	-1.647	31.183	25.10	1430.9
65.20	-1.642	31.200	25.11	1430.6
70.20	-1.631	31.275	25.18	1430.3
75.08	-1.540	31.356	25.24	1430.9
80.11	-1.509	31.465	25.33	1430.9
85.33	-1.519	31.534	25.38	1430.5
90.16	-1.423	31.612	25.44	1431.2
95.05	-1.398	31.696	25.51	1431.2
99.23	-1.398	31.704	25.52	1431.0

Station 225 1 52 Heure (Gmt) 16h17

Prof. totale (m) 30 Date 15-04-1982

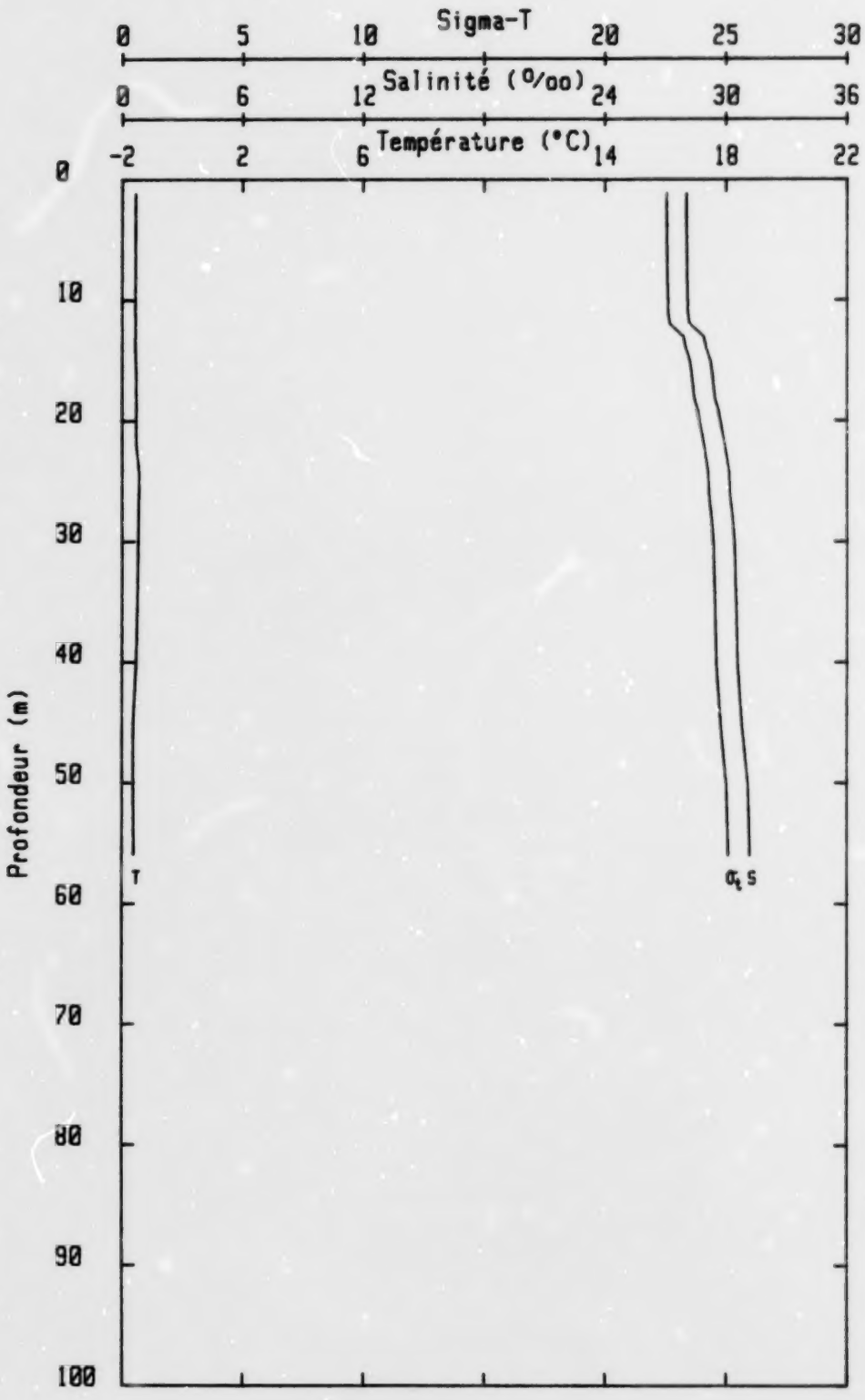


Station	225 1 52	Heure (Gmt)	16h17
Latitude	55° 6.8	Date	15-04-1982
Longitude	78°14.5		
Profondeur totale (m)	30.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.531	27.633	22.22	1431.9
1.40	-1.531	27.607	22.20	1431.9
1.60	-1.532	27.602	22.19	1431.8
1.84	-1.530	27.597	22.19	1431.9
2.03	-1.531	27.596	22.19	1431.8
2.23	-1.531	27.598	22.19	1431.9
2.41	-1.531	27.597	22.19	1431.9
2.63	-1.530	27.598	22.19	1431.9
2.93	-1.528	27.600	22.19	1431.9
3.05	-1.527	27.600	22.19	1431.9
3.24	-1.527	27.602	22.19	1431.9
3.43	-1.528	27.603	22.19	1431.9
3.66	-1.527	27.602	22.19	1431.9
3.80	-1.528	27.606	22.20	1431.9
4.05	-1.528	27.609	22.20	1431.9
4.30	-1.529	27.618	22.21	1431.9
4.43	-1.530	27.619	22.21	1431.9
4.73	-1.532	27.649	22.23	1432.0
4.89	-1.531	27.651	22.23	1432.0
5.10	-1.530	27.664	22.24	1432.0
5.54	-1.535	27.750	22.31	1432.1
6.10	-1.536	27.801	22.35	1432.2
6.78	-1.533	27.867	22.41	1432.3
7.05	-1.534	27.904	22.44	1432.3
7.56	-1.530	27.968	22.49	1432.5
8.03	-1.531	27.996	22.51	1432.5
8.50	-1.529	28.111	22.61	1432.7
9.05	-1.524	28.293	22.75	1433.0
9.53	-1.523	28.424	22.86	1433.2
10.03	-1.526	28.512	22.93	1433.3
11.08	-1.518	28.645	23.04	1433.5
12.10	-1.530	28.689	23.07	1433.5
13.15	-1.522	28.833	23.19	1433.8
14.00	-1.525	28.982	23.31	1434.0
15.08	-1.482	29.192	23.48	1434.5
16.06	-1.439	29.449	23.69	1435.1
17.28	-1.441	29.488	23.72	1435.2
18.15	-1.432	29.596	23.81	1435.4
19.14	-1.426	29.641	23.85	1435.5
20.00	-1.424	29.674	23.87	1435.6
22.53	-1.362	30.027	24.16	1436.4
24.08	-1.356	30.083	24.20	1436.5
26.19	-1.352	30.134	24.24	1436.6
27.13	-1.349	30.222	24.32	1436.8

Station 226 1 53 Heure (Gmt) 16h46

Prof. totale (m) 57 Date 15-04-1982

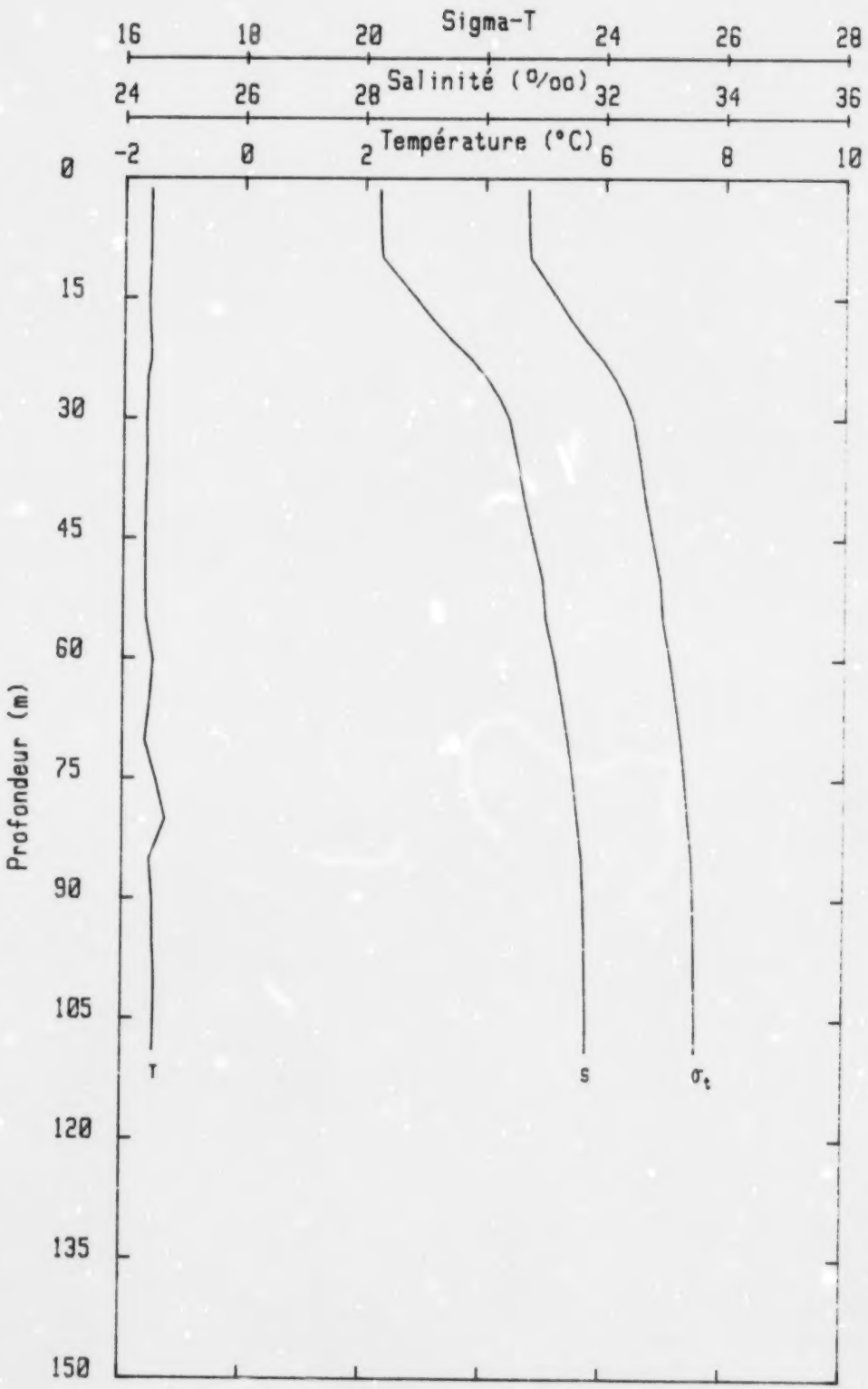


Station	226 1 53	Heure (Gmt)	16h46
Latitude	55° 9.6	Date	15-04-1982
Longitude	78°18.2		
Profondeur totale (m)	57.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.552	28.030	22.54	1432.3
1.41	-1.556	28.021	22.53	1432.3
1.66	-1.556	28.016	22.53	1432.3
1.80	-1.557	28.017	22.53	1432.3
2.40	-1.556	28.021	22.53	1432.3
2.63	-1.557	28.023	22.53	1432.3
2.88	-1.557	28.025	22.54	1432.3
3.06	-1.556	28.025	22.54	1432.3
3.21	-1.556	28.026	22.54	1432.3
3.45	-1.557	28.029	22.54	1432.4
3.61	-1.556	28.029	22.54	1432.4
3.80	-1.556	28.031	22.54	1432.4
4.05	-1.557	28.033	22.54	1432.4
4.24	-1.555	28.031	22.54	1432.4
4.50	-1.556	28.033	22.54	1432.4
4.61	-1.555	28.034	22.54	1432.4
4.81	-1.555	28.034	22.54	1432.4
5.05	-1.556	28.038	22.55	1432.4
5.65	-1.555	28.042	22.55	1432.4
6.05	-1.555	28.045	22.55	1432.4
6.54	-1.555	28.048	22.55	1432.4
7.00	-1.555	28.050	22.56	1432.4
7.51	-1.554	28.053	22.56	1432.5
8.11	-1.555	28.058	22.56	1432.5
8.53	-1.556	28.062	22.57	1432.5
9.10	-1.560	28.079	22.58	1432.5
9.51	-1.560	28.082	22.58	1432.5
10.06	-1.560	28.094	22.59	1432.5
11.10	-1.557	28.105	22.60	1432.6
12.00	-1.551	28.185	22.67	1432.7
13.08	-1.562	28.901	23.25	1433.7
14.04	-1.560	29.015	23.34	1433.9
15.10	-1.540	29.232	23.51	1434.3
16.14	-1.525	29.315	23.58	1434.5
17.09	-1.528	29.376	23.63	1434.6
18.23	-1.525	29.449	23.69	1434.7
19.05	-1.521	29.605	23.82	1435.0
20.08	-1.533	29.713	23.91	1435.1
22.03	-1.518	29.942	24.09	1435.5
24.25	-1.433	30.148	24.26	1436.2
26.05	-1.437	30.194	24.29	1436.3
28.08	-1.454	30.333	24.41	1436.5
30.15	-1.465	30.422	24.48	1436.6
35.03	-1.486	30.508	24.55	1436.7
40.13	-1.526	30.586	24.61	1436.7
45.10	-1.624	30.794	24.78	1436.6
50.20	-1.623	31.092	25.03	1437.1
55.05	-1.604	31.177	25.10	1437.4
56.00	-1.602	31.179	25.10	1437.4

Station 227 1 54 Heure (Gmt) 19h53

Prof. totale (m) 120 Date 15-04-1982

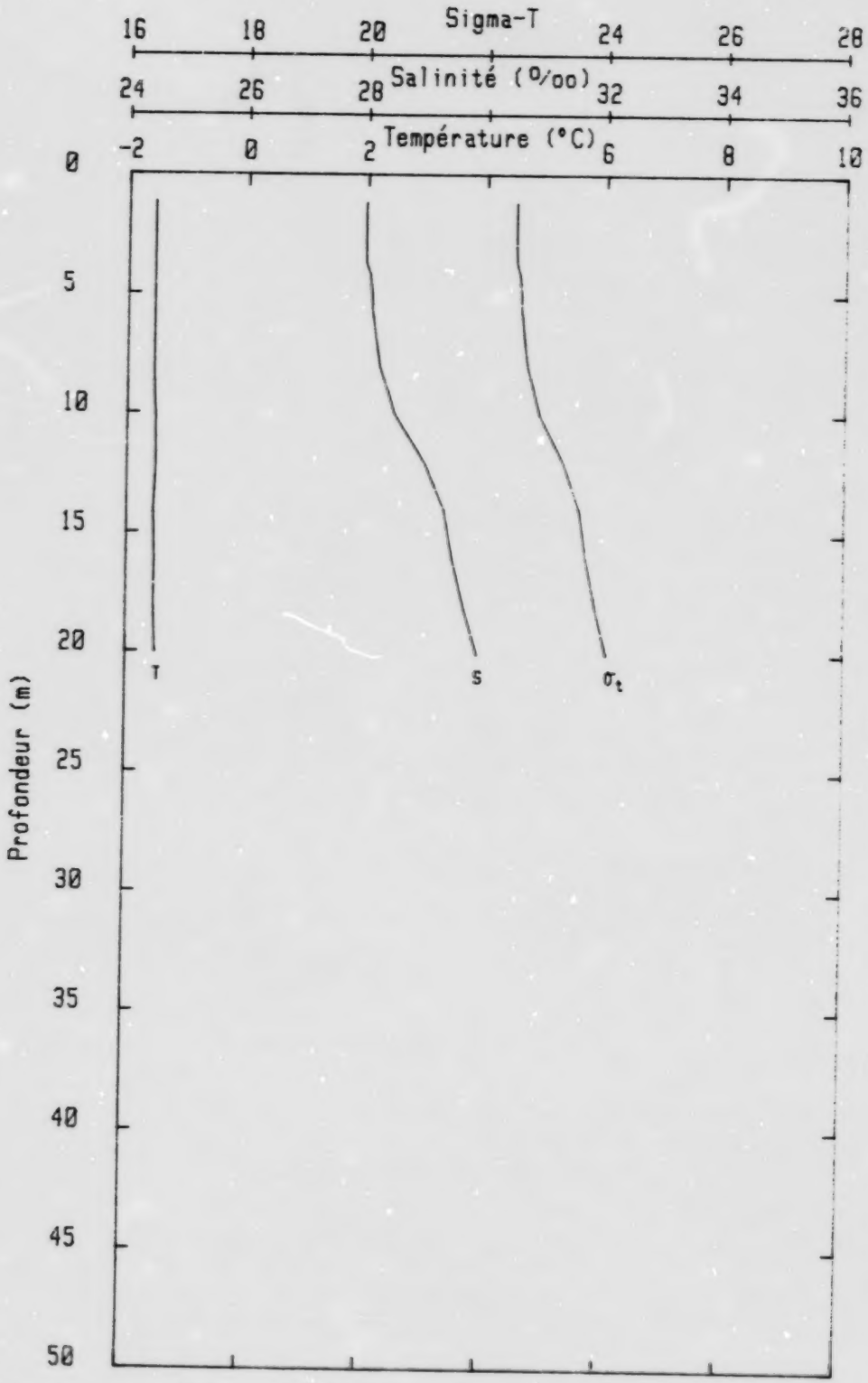


Station	227 1 54	Heure (Gmt)	19h53
Latitude	55°13.5	Date	15-04-1982
Longitude	78°23.5		
Profondeur totale (m)	120.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.50	-1.564	28.245	22.71	1432.5
2.01	-1.563	28.243	22.71	1432.5
3.04	-1.563	28.246	22.72	1432.4
4.01	-1.563	28.249	22.72	1432.3
5.18	-1.564	28.255	22.72	1432.2
6.13	-1.565	28.259	22.73	1432.2
7.01	-1.563	28.264	22.73	1432.1
8.09	-1.564	28.272	22.74	1432.0
9.05	-1.566	28.281	22.74	1431.9
10.00	-1.567	28.297	22.76	1431.9
15.10	-1.585	28.859	23.21	1432.1
17.64	-1.576	29.130	23.43	1432.3
20.35	-1.550	29.457	23.70	1432.7
22.66	-1.547	29.788	23.97	1433.0
25.01	-1.605	30.042	24.17	1432.7
27.55	-1.607	30.258	24.35	1432.8
30.14	-1.621	30.420	24.48	1432.7
35.15	-1.608	30.560	24.59	1432.6
40.01	-1.631	30.670	24.68	1432.1
45.03	-1.635	30.823	24.81	1431.9
50.18	-1.630	30.984	24.94	1431.7
55.04	-1.614	31.037	24.98	1431.5
60.20	-1.493	31.193	25.11	1432.3
65.14	-1.546	31.311	25.20	1431.6
70.25	-1.624	31.421	25.29	1430.6
75.01	-1.444	31.508	25.36	1432.0
80.10	-1.280	31.585	25.42	1433.3
85.10	-1.540	31.662	25.49	1430.5
90.15	-1.486	31.696	25.51	1430.7
95.15	-1.475	31.718	25.53	1430.4
100.01	-1.445	31.730	25.54	1430.4
105.10	-1.454	31.747	25.55	1430.0
109.03	-1.463	31.748	25.56	1429.6

Station 228 1 55 Heure (Gmt) 20h26

Prof. totale (m) 25 Date 15-04-1982

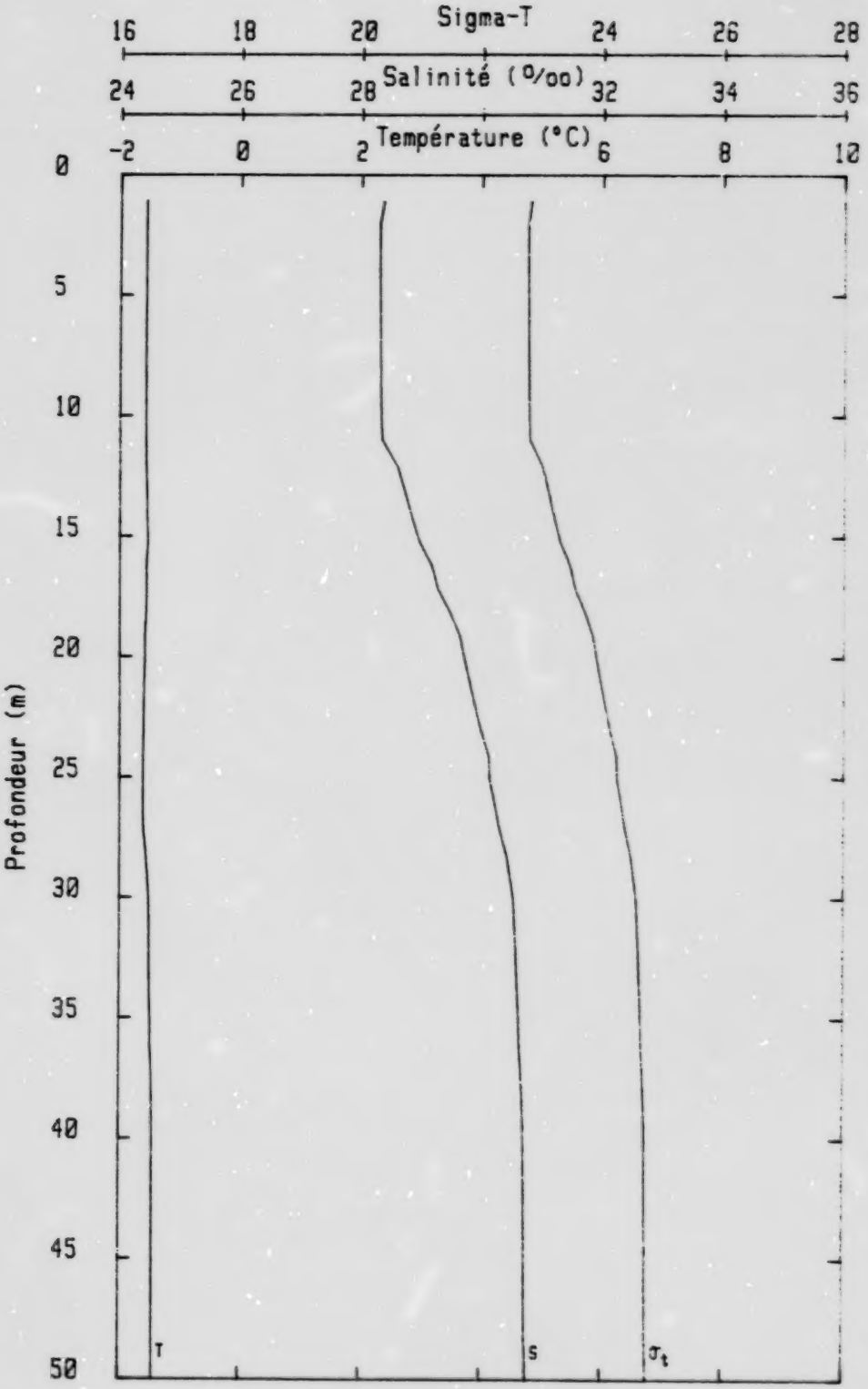


Station	228 1 55	Heure (Gmt)	20h26
Latitude	55° 2.5	Date	15-04-1982
Longitude	78°25.0		
Profondeur totale (m)	25.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.555	27.975	22.50	1432.2
1.41	-1.554	27.968	22.49	1432.2
1.64	-1.555	27.969	22.49	1432.2
1.81	-1.555	27.969	22.49	1432.2
2.46	-1.555	27.971	22.49	1432.1
2.69	-1.555	27.971	22.49	1432.1
2.81	-1.555	27.971	22.49	1432.1
3.05	-1.556	27.975	22.50	1432.1
3.20	-1.556	27.976	22.50	1432.1
3.43	-1.556	27.978	22.50	1432.0
3.66	-1.555	27.982	22.50	1432.0
3.85	-1.556	27.999	22.51	1432.0
4.03	-1.555	28.024	22.54	1432.1
4.20	-1.554	28.048	22.55	1432.1
4.40	-1.555	28.057	22.56	1432.1
4.65	-1.556	28.067	22.57	1432.1
4.83	-1.556	28.075	22.58	1432.1
5.19	-1.555	28.086	22.59	1432.0
5.26	-1.555	28.089	22.59	1432.0
5.45	-1.556	28.090	22.59	1432.0
5.65	-1.556	28.092	22.59	1432.0
5.94	-1.554	28.109	22.60	1432.0
6.03	-1.555	28.112	22.61	1432.0
7.06	-1.552	28.170	22.65	1432.0
8.05	-1.553	28.226	22.70	1432.0
9.06	-1.543	28.361	22.81	1432.2
10.04	-1.524	28.481	22.91	1432.4
12.06	-1.513	28.990	23.32	1432.9
14.01	-1.548	29.319	23.59	1433.0
16.04	-1.525	29.461	23.70	1433.2
18.10	-1.531	29.667	23.87	1433.3
20.05	-1.497	29.897	24.05	1433.6

Station 229 1 56 Heure (Gmt) 20h55

Prof. totale (m) 60 Date 15-04-1982

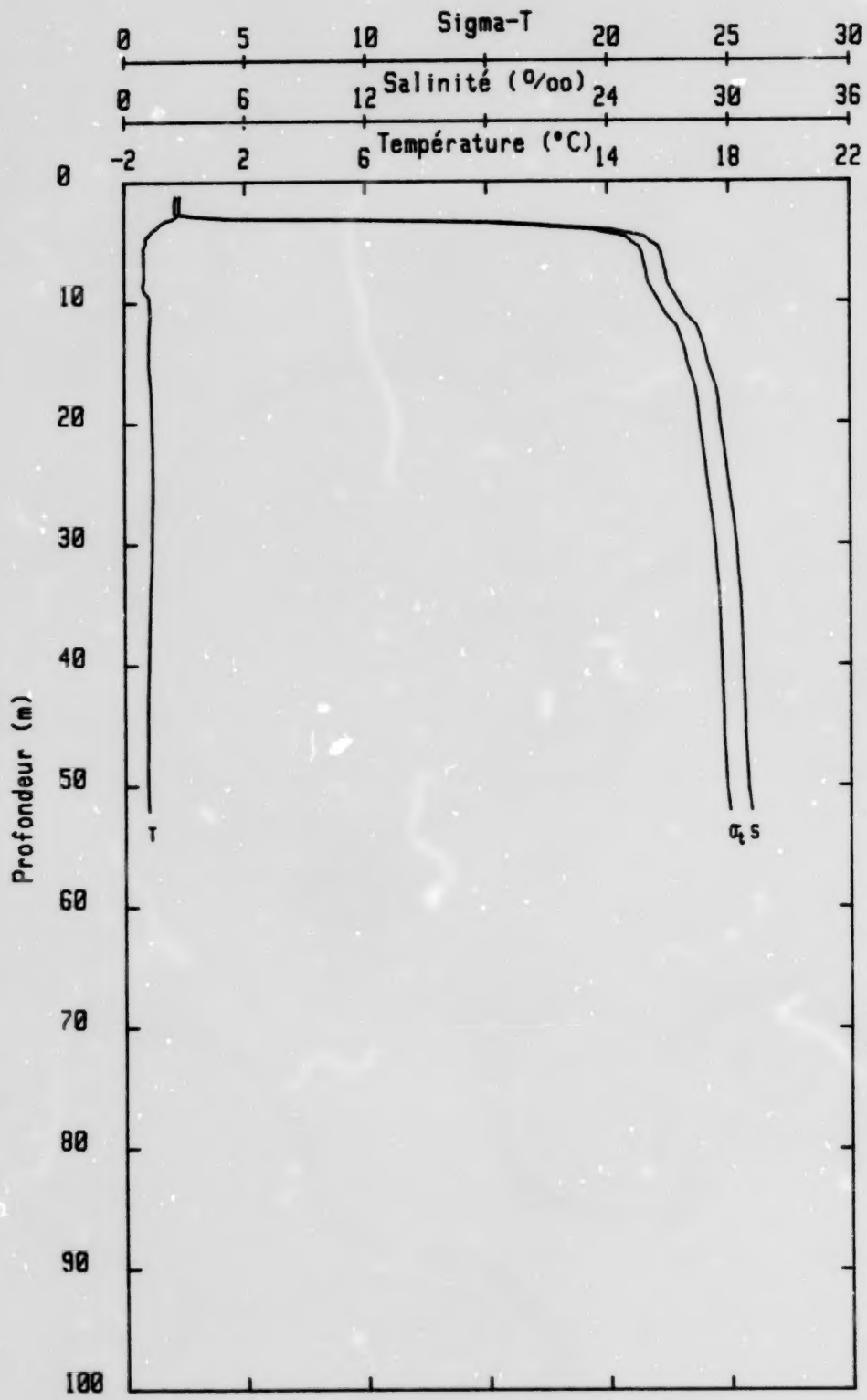


Station	229 1 56	Heure (Gmt)	20h55
Latitude	55° 4.2	Date	15-04-1982
Longitude	78°27.8		
Profondeur totale (m)	60.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.11	-1.567	28.367	22.81	1432.7
2.00	-1.568	28.304	22.76	1432.5
3.01	-1.567	28.305	22.76	1432.5
4.01	-1.568	28.306	22.76	1432.4
5.01	-1.569	28.313	22.77	1432.3
6.01	-1.569	28.319	22.77	1432.2
7.19	-1.570	28.320	22.78	1432.1
8.24	-1.568	28.326	22.78	1432.1
9.01	-1.567	28.328	22.78	1432.0
10.13	-1.568	28.337	22.79	1431.9
11.00	-1.568	28.352	22.80	1431.9
12.11	-1.559	28.608	23.01	1432.2
13.10	-1.547	28.726	23.10	1432.3
14.03	-1.546	28.827	23.19	1432.4
15.19	-1.532	28.967	23.30	1432.6
16.21	-1.555	29.177	23.47	1432.6
17.19	-1.552	29.283	23.56	1432.7
18.16	-1.560	29.486	23.72	1432.9
19.11	-1.581	29.644	23.85	1432.9
20.14	-1.581	29.729	23.92	1432.9
21.01	-1.592	29.809	23.98	1432.9
22.11	-1.600	29.907	24.06	1432.8
23.01	-1.603	29.997	24.14	1432.9
24.13	-1.609	30.133	24.25	1432.9
25.05	-1.610	30.144	24.26	1432.9
26.25	-1.607	30.244	24.34	1432.9
27.00	-1.603	30.301	24.38	1432.9
28.28	-1.556	30.432	24.49	1433.3
29.24	-1.528	30.495	24.54	1433.5
30.10	-1.507	30.548	24.58	1433.7
31.01	-1.500	30.564	24.60	1433.7
32.08	-1.498	30.587	24.61	1433.6
33.10	-1.494	30.602	24.63	1433.6
34.10	-1.490	30.621	24.64	1433.6
35.06	-1.478	30.637	24.65	1433.6
36.08	-1.475	30.651	24.67	1433.6
37.09	-1.458	30.674	24.68	1433.6
38.10	-1.449	30.696	24.70	1433.6
39.15	-1.443	30.713	24.72	1433.6
40.43	-1.443	30.722	24.72	1433.5
41.00	-1.442	30.723	24.72	1433.5
42.13	-1.441	30.729	24.73	1433.4
43.06	-1.439	30.730	24.73	1433.4
44.08	-1.439	30.737	24.73	1433.3
45.10	-1.439	30.741	24.74	1433.2
46.11	-1.437	30.741	24.74	1433.2
47.13	-1.439	30.745	24.74	1433.1
48.14	-1.438	30.745	24.74	1433.0
49.15	-1.433	30.763	24.76	1433.0
50.09	-1.433	30.766	24.76	1433.0

Station 60 3 57 Heure (Gmt) 21h50

Prof. totale (m) 55 Date 15-04-1982

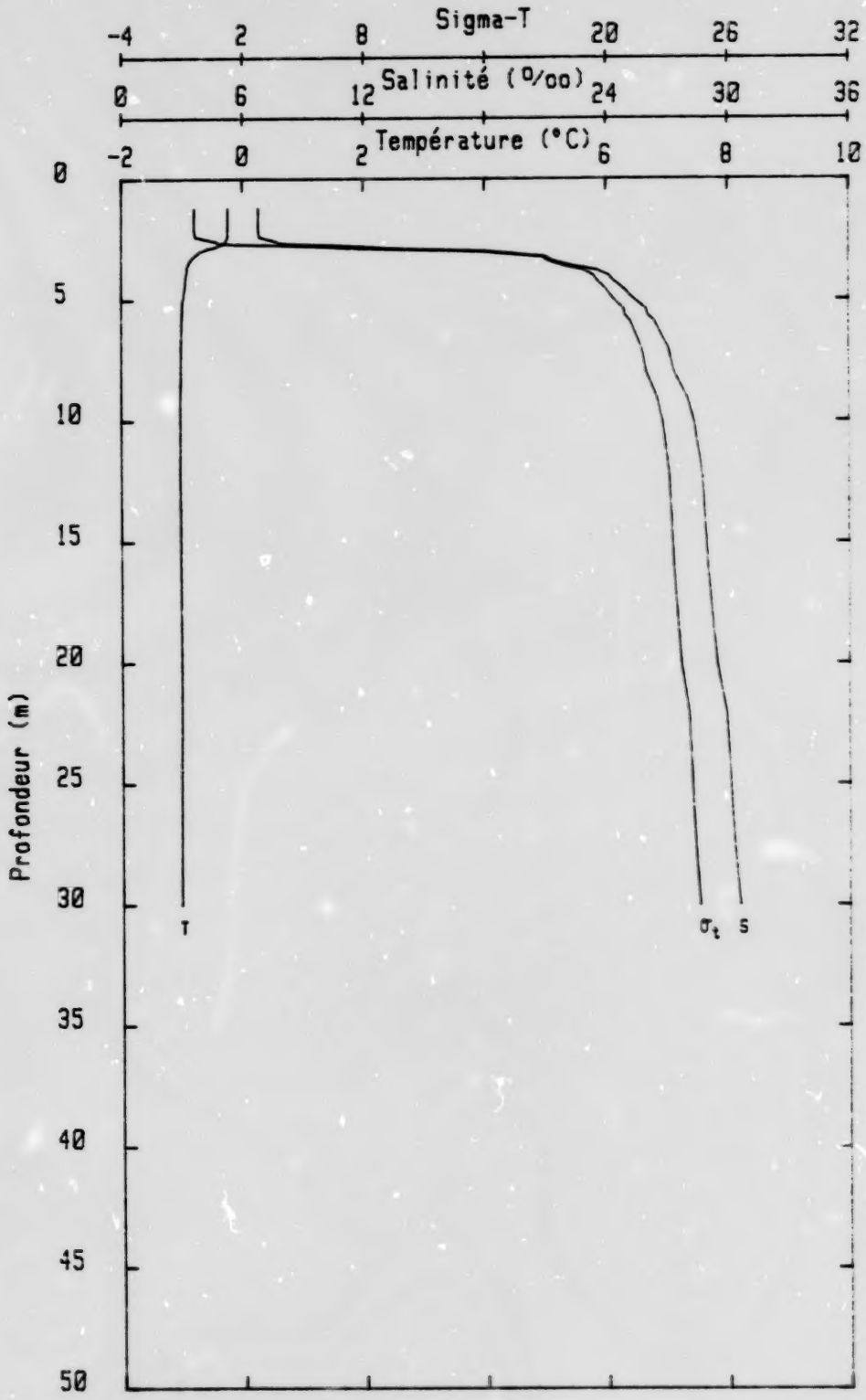


Station	60 3 57	Heure (Gmt)	21h50
Latitude	55°21.73	Date	15-04-1982
Longitude	77°42.34		
Profondeur totale (m)	55.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON	CONGEL
1.20	-.179	2.768	2.12	1405.2	-.154
1.40	-.183	2.752	2.10	1405.2	-.153
1.60	-.183	2.740	2.09	1405.2	-.153
1.81	-.182	2.733	2.09	1405.1	-.152
2.40	-.183	2.736	2.09	1405.2	-.153
2.64	-.187	2.754	2.11	1405.2	-.154
2.83	-.257	3.422	2.64	1405.7	-.191
3.06	-.398	5.257	4.13	1407.5	-.290
3.14	-.488	7.935	6.29	1410.6	-.434
3.16	-.553	10.240	8.15	1413.4	-.558
3.21	-.618	12.581	10.05	1416.2	-.684
3.33	-.699	16.365	13.10	1420.9	-.888
3.40	-.741	18.605	14.91	1423.7	-1.010
3.60	-.861	20.665	16.58	1425.9	-1.122
3.80	-.917	22.120	17.75	1427.5	-1.202
4.01	-1.062	24.152	19.39	1429.6	-1.314
4.20	-1.125	24.635	19.79	1429.9	-1.341
4.43	-1.197	25.408	20.41	1430.6	-1.384
4.60	-1.258	25.838	20.76	1430.9	-1.408
4.80	-1.298	26.004	20.90	1431.0	-1.418
5.05	-1.282	26.139	21.01	1431.2	-1.426
5.29	-1.326	26.384	21.20	1431.4	-1.439
5.45	-1.362	26.535	21.33	1431.4	-1.448
5.65	-1.358	26.553	21.34	1431.4	-1.449
5.90	-1.356	26.657	21.43	1431.6	-1.455
6.15	-1.354	26.687	21.45	1431.6	-1.457
6.54	-1.350	26.737	21.49	1431.7	-1.460
7.01	-1.344	26.814	21.55	1431.9	-1.465
7.55	-1.342	26.892	21.62	1432.0	-1.469
8.09	-1.342	26.937	21.65	1432.1	-1.472
8.54	-1.380	27.014	21.71	1432.0	-1.477
9.04	-1.343	27.187	21.85	1432.4	-1.487
9.53	-1.169	27.375	22.01	1433.5	-1.498
10.04	-1.161	27.537	22.14	1433.8	-1.507
11.06	-1.131	27.891	22.42	1434.4	-1.528
12.03	-1.164	28.431	22.86	1435.0	-1.559
13.01	-1.179	28.659	23.05	1435.3	-1.572
14.00	-1.185	28.845	23.20	1435.5	-1.584
15.20	-1.184	28.997	23.32	1435.7	-1.593
16.20	-1.152	29.208	23.49	1436.2	-1.606
17.11	-1.115	29.382	23.63	1436.6	-1.616
18.01	-1.095	29.480	23.71	1436.8	-1.622
19.10	-1.090	29.543	23.76	1437.0	-1.627
20.00	-1.082	29.590	23.80	1437.1	-1.630
22.20	-1.054	29.789	23.96	1437.5	-1.643
24.03	-1.051	29.920	24.06	1437.7	-1.652
26.26	-1.054	30.087	24.20	1438.0	-1.663
28.09	-1.079	30.248	24.33	1438.1	-1.673
30.14	-1.088	30.375	24.43	1438.3	-1.682
32.09	-1.105	30.448	24.49	1438.3	-1.688
34.03	-1.149	30.563	24.59	1438.3	-1.696
36.24	-1.168	30.613	24.63	1438.3	-1.700
38.00	-1.186	30.655	24.66	1438.3	-1.704
40.04	-1.200	30.696	24.70	1438.3	-1.708
42.23	-1.232	30.745	24.74	1438.3	-1.712
44.08	-1.245	30.786	24.77	1438.3	-1.716
46.01	-1.234	30.803	24.78	1438.4	-1.718
48.04	-1.248	30.881	24.85	1438.5	-1.724
50.13	-1.243	30.946	24.90	1438.6	-1.730
52.08	-1.209	31.092	25.02	1439.0	-1.739

Station 27 2 58 Heure (Gmt) 22h20

Prof. totale (m) 40 Date 15-04-1982

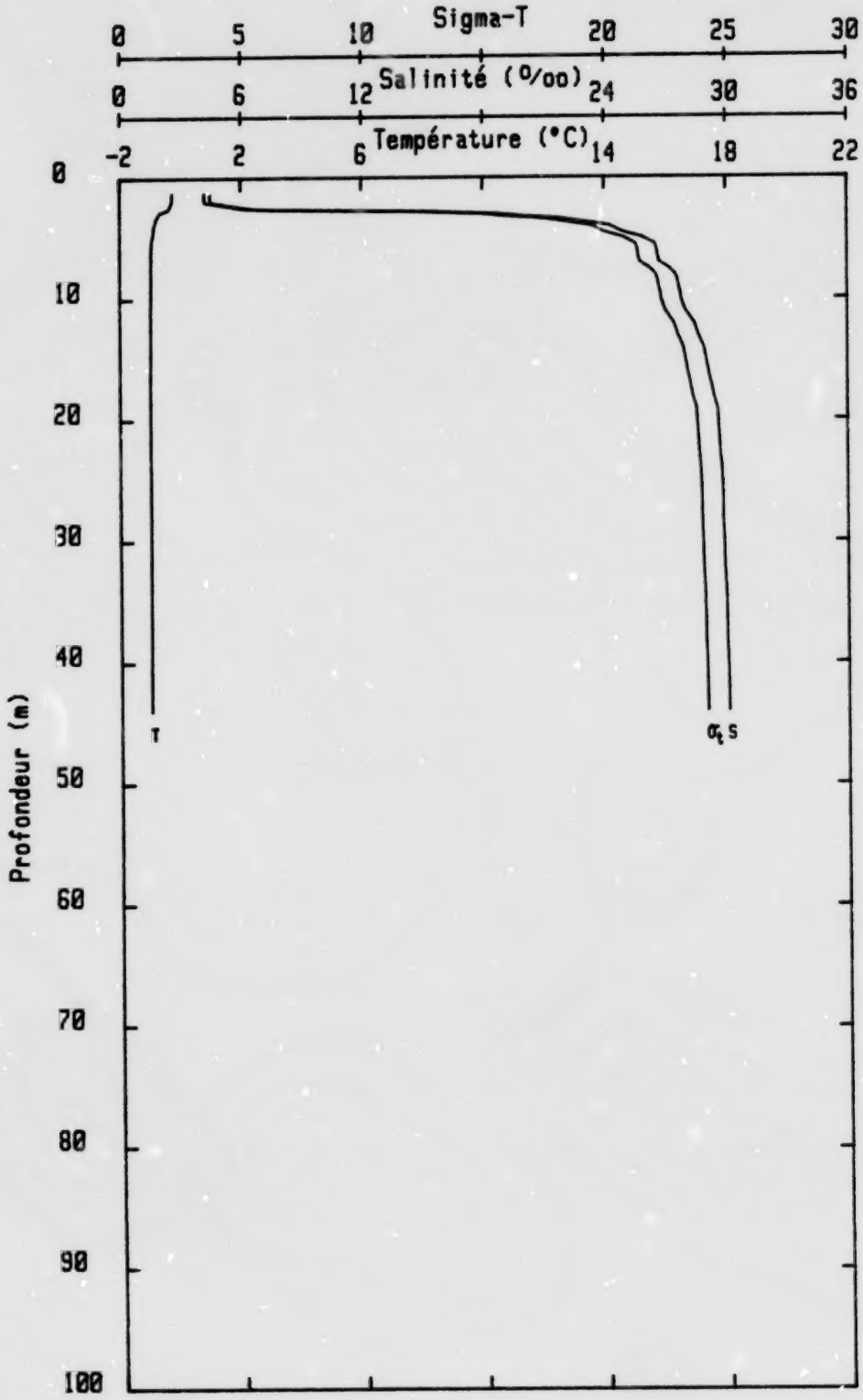


Station	27 2 58	Heure (Gmt)	22h20
Latitude	55°26.5	Date	15-04-1982
Longitude	77°31.5		
Profondeur totale (m)	40.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.23	-.234	3.621	2.81	1406.0
1.41	-.234	3.621	2.81	1406.0
2.00	-.235	3.626	2.81	1406.0
2.20	-.236	3.637	2.82	1406.1
2.41	-.240	3.702	2.87	1406.1
2.60	-.278	4.728	3.70	1407.3
2.66	-.294	4.854	3.80	1407.4
2.71	-.329	5.701	4.49	1408.3
2.76	-.394	8.074	6.41	1411.2
2.83	-.444	10.004	7.97	1413.5
2.90	-.577	11.730	9.36	1415.1
3.03	-.699	17.734	14.21	1422.6
3.25	-.816	21.027	16.87	1426.4
3.41	-.866	21.350	17.13	1426.6
3.63	-.910	22.373	17.96	1427.7
3.80	-.914	23.557	18.91	1429.3
4.03	-.931	24.156	19.40	1430.0
4.21	-.940	24.343	19.55	1430.2
4.43	-.945	24.665	19.81	1430.6
4.60	-.953	24.922	20.02	1430.9
4.90	-.969	25.249	20.28	1431.2
5.01	-.983	25.404	20.41	1431.4
5.25	-.993	25.755	20.69	1431.8
5.41	-.993	26.001	20.89	1432.1
5.66	-.996	26.060	20.94	1432.1
5.91	-1.003	26.397	21.21	1432.6
6.00	-1.003	26.441	21.25	1432.6
7.05	-1.013	27.084	21.77	1433.4
8.00	-1.012	27.350	21.98	1433.7
9.09	-1.023	28.021	22.53	1434.5
10.06	-1.023	28.343	22.79	1434.9
12.25	-1.031	28.745	23.11	1435.3
14.05	-1.023	28.871	23.21	1435.4
16.06	-1.019	29.013	23.33	1435.5
18.00	-1.016	29.216	23.49	1435.7
20.11	-1.014	29.459	23.69	1435.9
22.08	-1.012	29.900	24.05	1436.5
24.05	-1.023	30.054	24.17	1436.5
26.00	-1.023	30.171	24.27	1436.6
28.03	-1.025	30.352	24.41	1436.7
30.01	-1.026	30.571	24.59	1436.9

Station 62 2 59 Heure (Gmt) 13h35

Prof. totale (m) 45 Date 16-04-1982

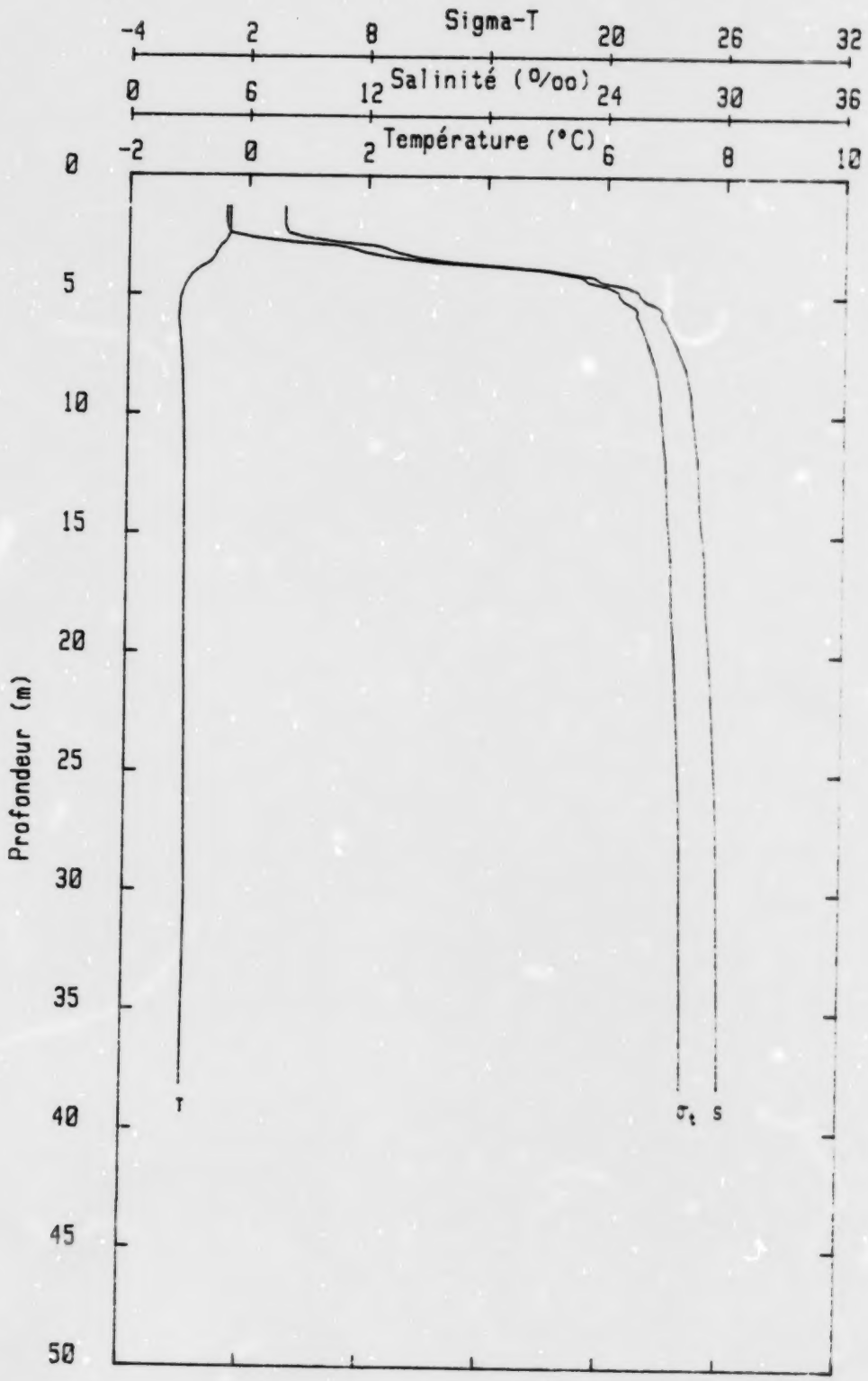


Station	62 2 59	Heure (Gmt)	13h35
Latitude	55°29.1	Date	16-04-1982
Longitude	77°28.1		
Profondeur totale (m)	45.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.25	-.271	4.487	3.51	1406.9
1.50	-.272	4.464	3.49	1406.9
2.00	-.279	4.497	3.52	1406.9
2.54	-.390	6.531	5.16	1409.0
2.61	-.428	7.622	6.04	1410.2
2.74	-.572	12.750	10.18	1416.3
2.81	-.672	15.441	12.36	1419.4
2.91	-.706	16.966	13.59	1421.3
3.00	-.733	18.662	14.96	1423.5
3.20	-.759	19.850	15.92	1424.9
3.40	-.811	21.781	17.48	1427.3
3.54	-.811	22.414	17.99	1428.2
4.00	-.877	24.275	19.49	1430.4
4.51	-.890	24.884	19.99	1431.2
5.00	-.934	25.929	20.83	1432.4
5.53	-.961	26.518	21.31	1433.1
6.00	-.965	26.606	21.38	1433.2
6.55	-.967	26.647	21.41	1433.3
7.01	-.972	26.724	21.48	1433.4
7.50	-.982	27.203	21.86	1434.0
8.05	-.967	27.524	22.12	1434.5
8.50	-.970	27.624	22.20	1434.7
9.01	-.973	27.675	22.25	1434.7
9.54	-.975	27.759	22.31	1434.8
10.11	-.973	27.804	22.35	1434.9
11.01	-.984	28.001	22.51	1435.2
12.08	-.984	28.448	22.87	1435.8
13.10	-.985	28.652	23.04	1436.1
14.00	-.988	28.906	23.24	1436.5
15.14	-.992	29.039	23.35	1436.6
16.18	-.997	29.155	23.44	1436.8
17.00	-.999	29.269	23.54	1436.9
18.11	-1.000	29.397	23.64	1437.1
19.11	-.997	29.585	23.79	1437.4
20.06	-.997	29.612	23.81	1437.5
21.06	-.995	29.648	23.84	1437.6
22.06	-.994	29.679	23.87	1437.6
23.00	-.994	29.725	23.90	1437.7
24.09	-.992	29.780	23.95	1437.8
25.00	-.992	29.802	23.97	1437.9
26.03	-.992	29.829	23.99	1437.9
28.01	-.991	29.838	24.00	1438.0
30.28	-.993	29.888	24.04	1438.1
32.08	-.995	29.912	24.06	1438.1
34.06	-.994	29.976	24.11	1438.2
36.06	-.994	30.001	24.13	1438.3
38.11	-.997	30.019	24.14	1438.3
40.05	-1.000	30.063	24.18	1438.4
42.01	-.999	30.082	24.19	1438.5
44.03	-1.001	30.101	24.21	1438.5

Station 1 2 60 Heure (Gmt) 14h10

Prof. totale (m) 40 Date 16-04-1982

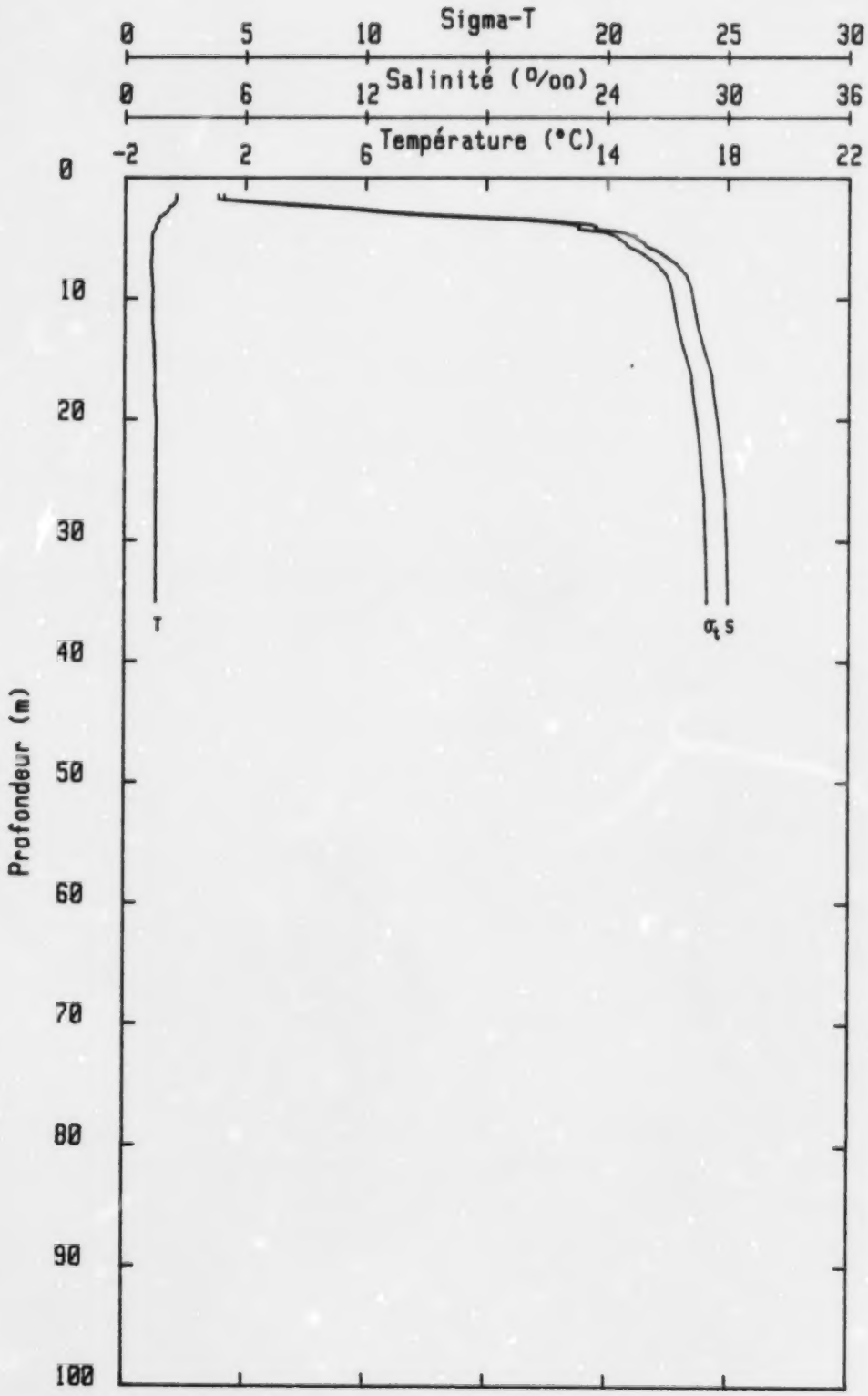


Station	1 2 60	Heure (Gmt)	14h10
Latitude	55°30.8	Date	16-04-1982
Longitude	77°25.0		
Profondeur totale (m)	40.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.34	-.305	4.902	3.84	1407.4
1.41	-.305	4.904	3.84	1407.4
1.60	-.306	4.898	3.84	1407.4
1.80	-.306	4.906	3.85	1407.4
2.03	-.307	4.913	3.85	1407.4
2.24	-.308	4.979	3.91	1407.5
2.43	-.314	5.143	4.04	1407.7
2.61	-.341	6.213	4.90	1409.0
2.81	-.392	8.333	6.62	1411.5
2.94	-.453	10.529	8.39	1414.1
3.04	-.487	11.132	8.88	1414.8
3.23	-.532	11.882	9.48	1415.5
3.43	-.566	13.146	10.50	1417.1
3.63	-.627	15.296	12.24	1419.6
3.71	-.674	17.039	13.65	1421.7
3.80	-.738	18.772	15.05	1423.7
3.94	-.832	21.100	16.93	1426.4
4.00	-.859	21.843	17.28	1426.8
4.20	-.951	23.334	18.73	1428.8
4.43	-1.007	23.778	19.09	1429.1
4.60	-1.049	24.951	20.04	1430.4
4.81	-1.082	25.621	20.58	1431.2
5.00	-1.108	25.704	20.65	1431.1
5.21	-1.136	25.996	20.89	1431.4
5.45	-1.138	26.669	21.43	1432.3
5.61	-1.145	26.824	21.56	1432.4
5.83	-1.151	26.766	21.51	1432.3
6.03	-1.152	26.962	21.67	1432.5
7.01	-1.110	27.523	22.12	1433.5
8.04	-1.081	28.029	22.53	1434.2
9.11	-1.066	28.298	22.75	1434.6
10.01	-1.052	28.384	22.82	1434.8
12.00	-1.035	28.685	23.06	1435.2
14.08	-1.030	28.803	23.16	1435.3
16.04	-1.023	29.074	23.38	1435.6
18.16	-1.020	29.144	23.44	1435.6
20.09	-1.012	29.346	23.60	1435.8
22.01	-1.001	29.469	23.70	1435.9
24.11	-.998	29.598	23.80	1436.0
26.00	-.990	29.719	23.90	1436.2
28.10	-.977	29.807	23.97	1436.3
30.03	-.966	29.849	24.00	1436.3
32.04	-.972	29.898	24.04	1436.2
34.00	-.982	29.950	24.09	1436.2
36.15	-.992	29.988	24.12	1436.0
38.15	-.993	30.027	24.15	1436.0

Station 281 2 61 Heure (Gmt) 14h44

Prof. totale (m) 40 Date 16-04-1982

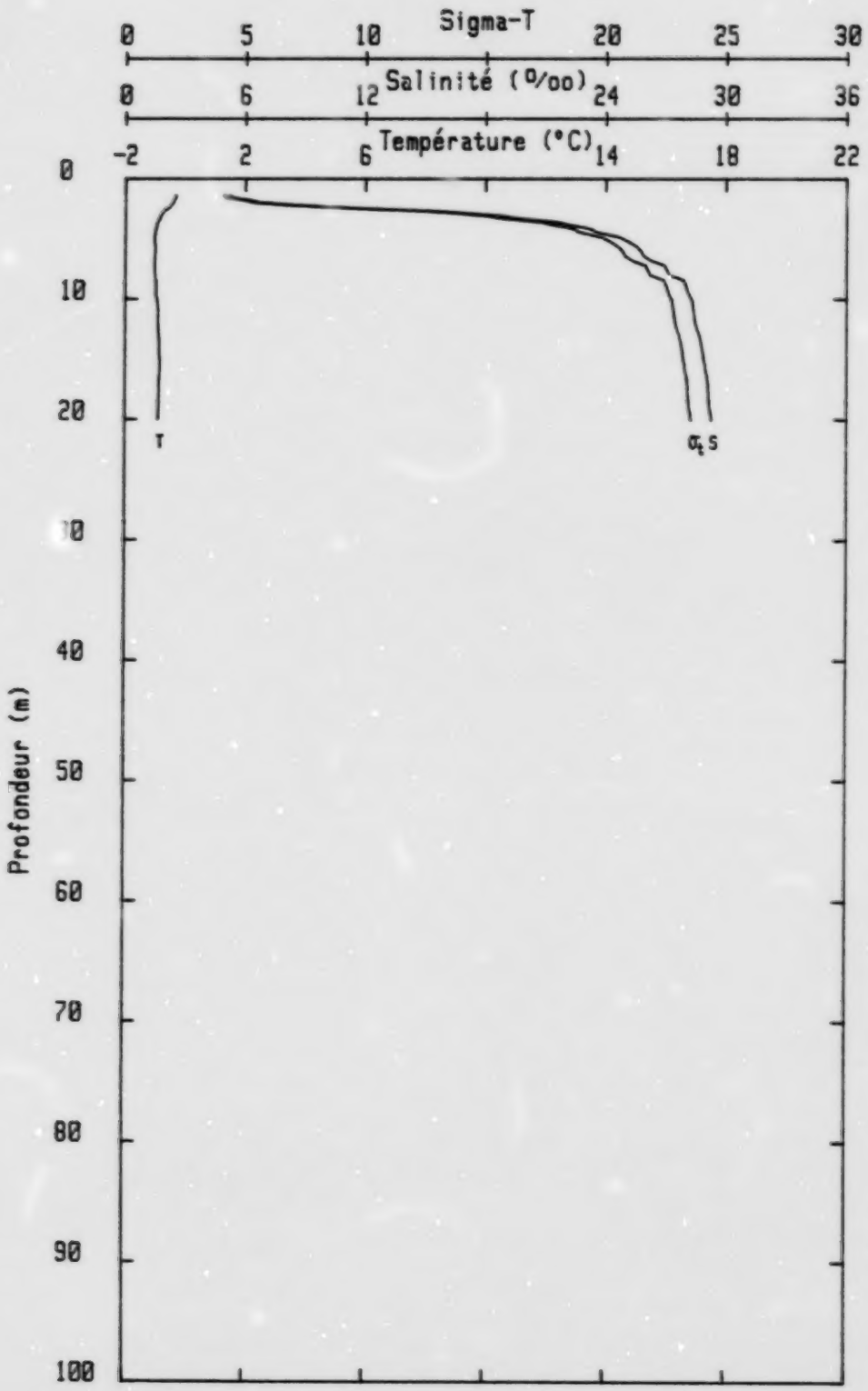


Station	281 2 61	Heure (Gmt)	14h44
Latitude	55°32.4	Date	16-04-1982
Longitude	77°21.5		
Profondeur totale (m)	40.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.43	-.308	4.908	3.85	1407.4
1.60	-.308	4.910	3.85	1407.4
1.80	-.310	4.910	3.85	1407.4
2.03	-.333	6.722	5.32	1409.7
2.25	-.417	8.648	6.87	1411.8
2.34	-.487	9.643	7.67	1412.8
2.40	-.520	10.247	8.16	1413.4
2.60	-.565	11.855	9.46	1415.4
2.80	-.602	13.064	10.44	1416.8
3.00	-.694	14.625	11.70	1418.4
3.21	-.825	17.289	13.85	1421.3
3.33	-.877	18.863	15.12	1423.2
3.43	-.906	20.393	16.35	1425.1
3.63	-.877	21.921	17.59	1427.3
3.84	-.957	23.123	18.56	1428.5
4.01	-.984	23.480	18.85	1428.8
4.21	-.983	23.371	18.76	1428.7
4.49	-1.066	24.875	19.98	1430.2
4.60	-1.093	25.013	20.09	1430.3
4.83	-1.106	25.419	20.42	1430.8
5.00	-1.111	25.456	20.45	1430.8
5.21	-1.111	25.703	20.65	1431.1
5.40	-1.113	25.840	20.76	1431.3
5.60	-1.112	25.918	20.82	1431.4
5.80	-1.101	26.130	21.00	1431.7
6.01	-1.108	26.478	21.28	1432.1
7.01	-1.133	27.376	22.01	1433.1
8.04	-1.108	27.934	22.46	1434.0
9.08	-1.070	28.167	22.65	1434.4
10.00	-1.079	28.271	22.73	1434.5
12.08	-1.071	28.482	22.90	1434.7
14.06	-1.013	28.802	23.16	1435.4
16.20	-.992	29.199	23.48	1435.9
18.00	-.992	29.304	23.56	1436.0
20.03	-.935	29.480	23.71	1436.5
22.00	-.959	29.638	23.83	1436.4
24.08	-.961	29.728	23.91	1436.4
26.13	-.960	29.860	24.01	1436.5
28.05	-.958	29.892	24.04	1436.5
30.06	-.957	29.947	24.08	1436.5
32.00	-.958	29.973	24.11	1436.4
34.01	-.955	30.004	24.13	1436.4
35.16	-.955	30.005	24.13	1436.4

Station 201 1 62 Heure (Gmt) 15h17

Prof. totale (m) 25 Date 16-04-1982

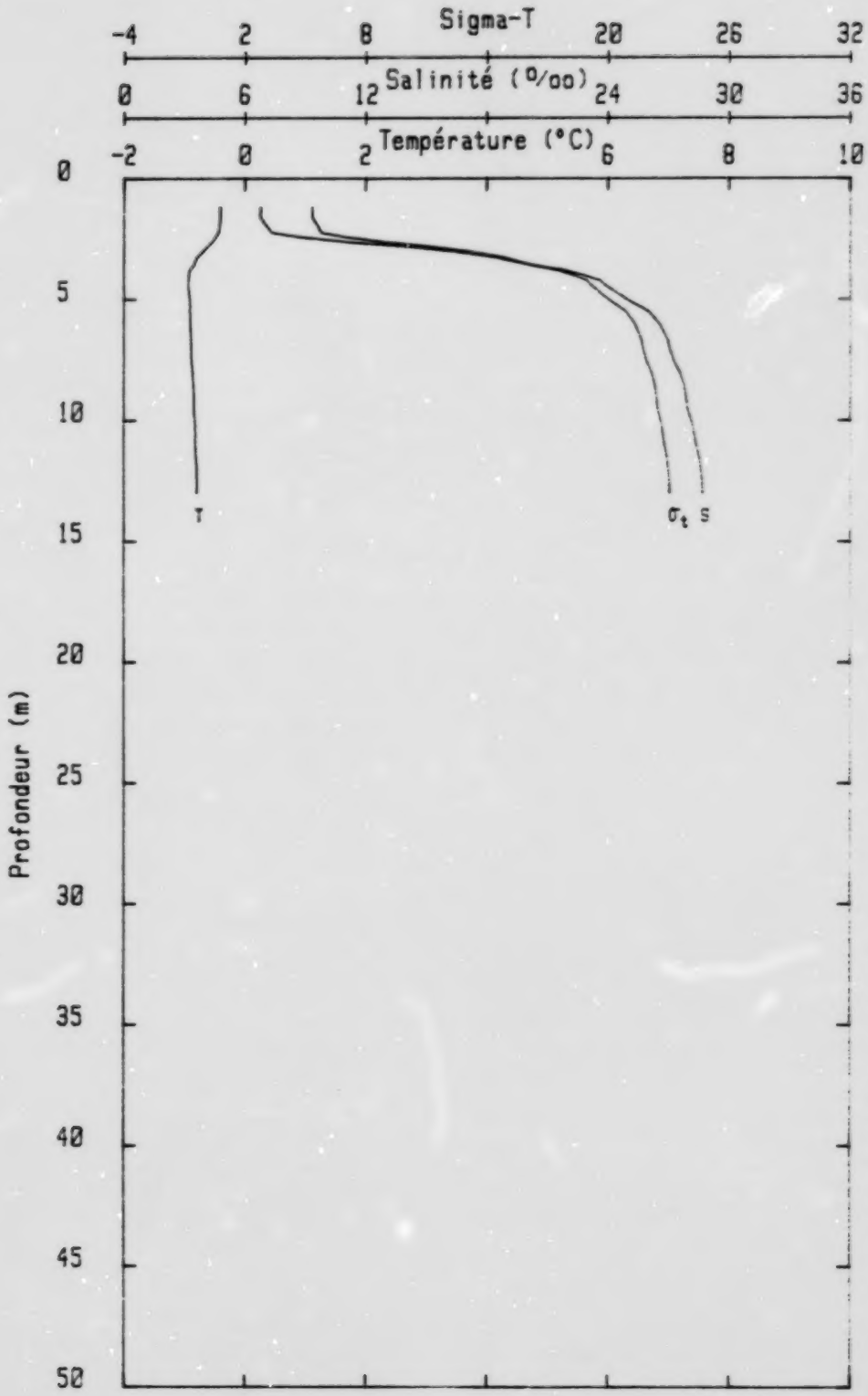


Station	201 1 62	Heure (Gmt)	15h17
Latitude	55°34.4	Date	16-04-1982
Longitude	77°17.4		
Profondeur totale (m)	25.8		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.41	-.319	5.238	4.11	1407.8
1.60	-.338	5.441	4.28	1407.9
1.80	-.388	6.227	4.91	1408.7
2.00	-.410	6.745	5.33	1409.3
2.21	-.470	8.627	6.85	1411.5
2.45	-.564	11.560	9.22	1415.0
2.68	-.722	15.393	12.32	1419.3
2.81	-.755	16.710	13.38	1420.9
3.10	-.827	18.886	15.14	1423.5
3.28	-.846	19.455	15.60	1424.1
3.54	-.906	21.159	16.97	1426.1
3.65	-.940	21.704	17.41	1426.7
3.85	-.954	22.177	17.80	1427.2
4.05	-.967	22.969	18.44	1428.2
4.26	-1.003	23.400	18.79	1428.6
4.40	-.998	23.418	18.80	1428.6
4.85	-1.029	24.681	19.82	1430.2
5.23	-1.023	25.133	20.19	1430.8
5.61	-.999	25.519	20.50	1431.4
6.00	-1.006	25.746	20.68	1431.7
6.45	-1.018	25.909	20.82	1431.8
6.83	-1.026	26.296	21.13	1432.3
7.21	-1.024	26.952	21.66	1433.1
7.63	-1.022	27.060	21.75	1433.3
8.01	-1.015	27.205	21.87	1433.5
8.41	-.987	27.875	22.41	1434.5
8.86	-.977	27.995	22.50	1434.7
9.20	-.978	28.057	22.55	1434.8
9.64	-.969	28.163	22.64	1434.9
10.01	-.947	28.288	22.74	1435.2
11.01	-.897	28.392	22.82	1435.6
11.50	-.900	28.430	22.85	1435.6
12.03	-.896	28.486	22.90	1435.7
12.50	-.890	28.564	22.96	1435.8
13.01	-.876	28.680	23.06	1436.0
13.51	-.861	28.747	23.11	1436.2
14.09	-.852	28.817	23.17	1436.3
14.50	-.857	28.861	23.20	1436.3
15.06	-.831	28.907	23.24	1436.5
15.51	-.836	28.963	23.28	1436.5
16.03	-.839	29.005	23.32	1436.5
16.50	-.857	29.070	23.37	1436.5
17.08	-.864	29.107	23.40	1436.5
17.54	-.867	29.115	23.41	1436.5
18.11	-.871	29.135	23.42	1436.4
18.55	-.876	29.157	23.44	1436.4
19.01	-.879	29.174	23.46	1436.4
19.53	-.889	29.249	23.52	1436.4
20.01	-.895	29.279	23.54	1436.4

Station 202 1 63 Heure (Gmt) 15h50

Prof. totale (m) 15 Date 16-04-1982

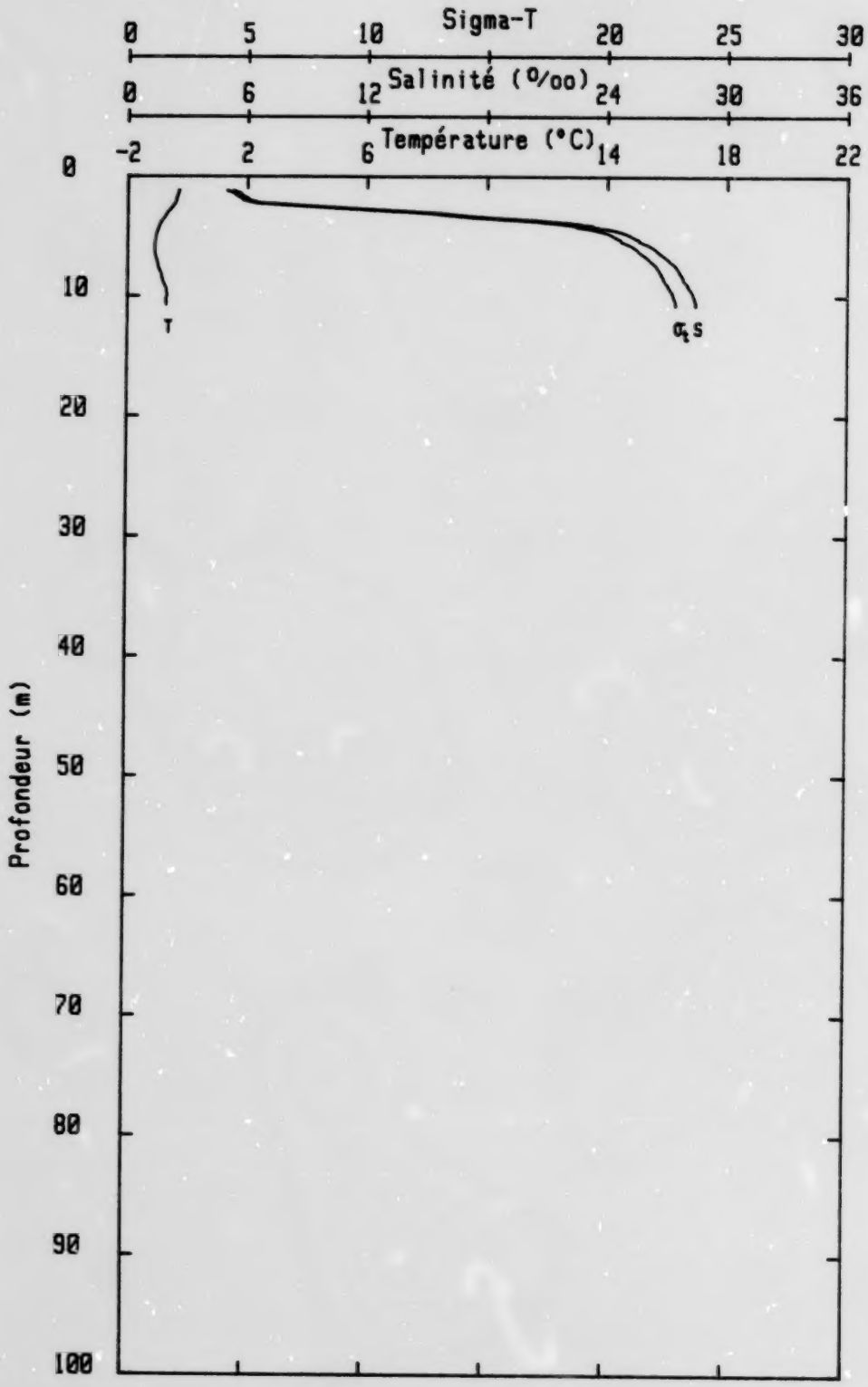


Station	202 1 63	Heure (Gmt)	15h50
Latitude	55°37.9	Date	16-04-1982
Longitude	77°13.1		
Profondeur totale (m)	15.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.21	-.403	6.795	5.37	1409.4
1.45	-.405	6.772	5.35	1409.4
1.60	-.405	6.782	5.36	1409.4
1.81	-.410	6.954	5.50	1409.6
2.05	-.423	7.180	5.68	1409.8
2.25	-.434	7.339	5.81	1410.0
2.44	-.480	8.783	6.98	1411.7
2.65	-.542	11.256	8.98	1414.7
2.85	-.626	14.273	11.41	1418.3
3.03	-.691	16.315	13.06	1420.7
3.28	-.789	18.472	14.80	1423.1
3.48	-.824	19.515	15.65	1424.3
3.61	-.846	20.326	16.30	1425.3
3.83	-.918	21.890	17.57	1427.0
4.00	-.925	22.694	18.22	1428.0
4.21	-.931	23.590	18.94	1429.2
4.44	-.933	23.897	19.19	1429.6
5.08	-.901	25.056	20.13	1431.3
5.51	-.902	26.018	20.90	1432.6
6.00	-.896	26.545	21.33	1433.3
6.63	-.886	26.944	21.65	1433.9
7.01	-.882	27.057	21.74	1434.0
7.53	-.876	27.259	21.91	1434.3
8.03	-.858	27.571	22.16	1434.8
8.59	-.842	27.796	22.34	1435.2
9.06	-.836	27.875	22.40	1435.3
9.54	-.835	27.963	22.48	1435.4
10.06	-.819	28.157	22.63	1435.7
10.51	-.810	28.268	22.72	1435.9
11.01	-.811	28.381	22.81	1436.0
11.50	-.802	28.515	22.92	1436.2
12.04	-.787	28.605	22.99	1436.4
12.53	-.786	28.673	23.05	1436.5
13.00	-.785	28.698	23.07	1436.5

Station 204 1 64 Heure (Gmt) 16h24

Prof. totale (m) 15 Date 16-04-1982

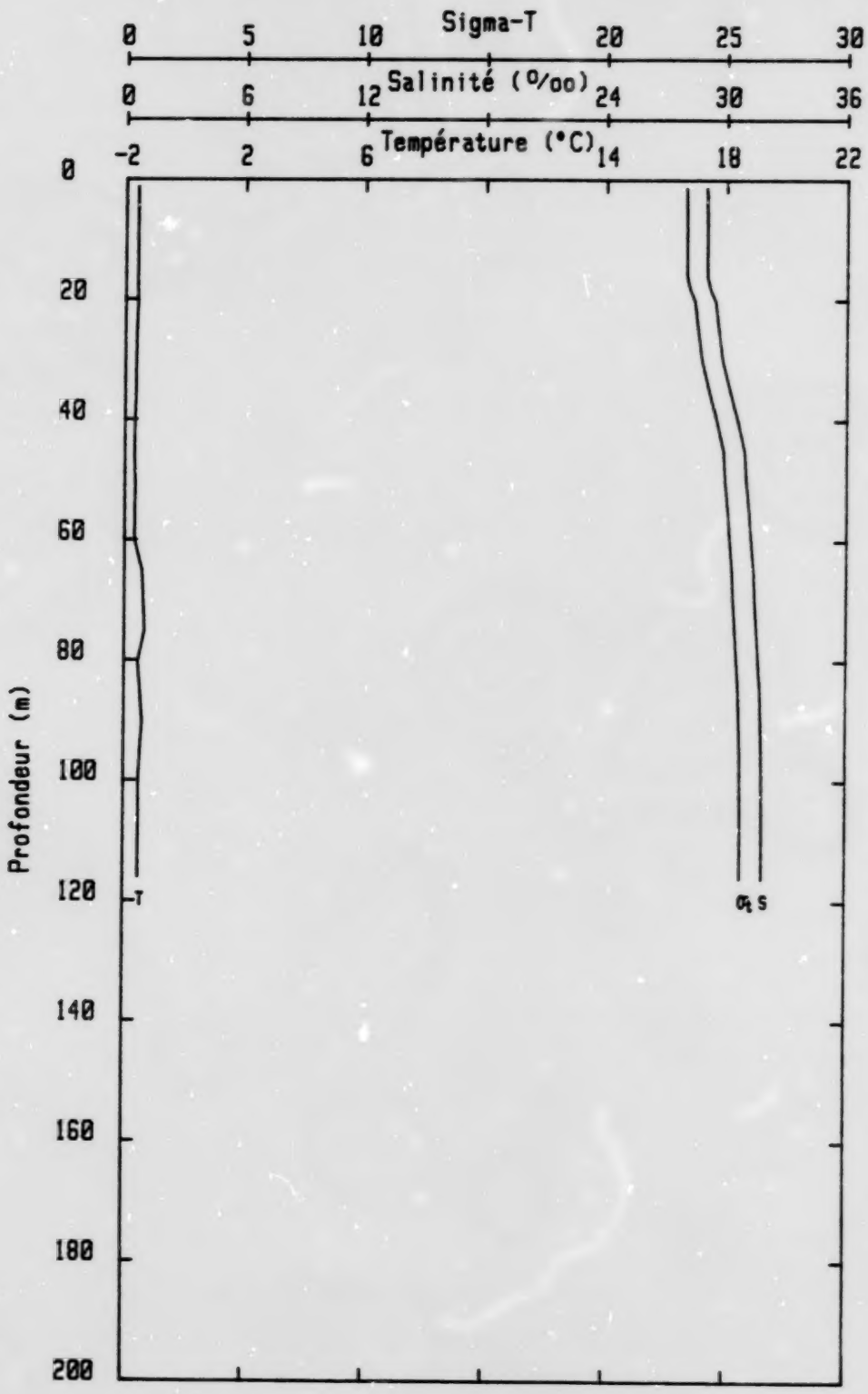


Station	204 1 64	Heure (Gmt)	16h24
Latitude	55°41.9	Date	16-04-1982
Longitude	77° 7.0		
Profondeur totale (m)	15.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.290	5.282	4.15	1407.8
1.43	-.321	5.682	4.47	1408.2
1.61	-.344	5.748	4.53	1408.2
1.84	-.370	6.018	4.75	1408.4
2.01	-.384	6.126	4.83	1408.5
2.23	-.409	6.705	5.30	1409.1
2.44	-.472	8.791	6.99	1411.6
2.61	-.528	10.651	8.49	1413.7
2.83	-.594	13.048	10.42	1416.6
3.04	-.684	15.567	12.46	1419.5
3.21	-.721	16.543	13.25	1420.7
3.43	-.776	18.181	14.57	1422.6
3.60	-.827	20.161	16.17	1425.0
3.83	-.890	21.898	17.57	1427.1
4.08	-.941	23.282	18.69	1428.8
4.20	-.955	23.308	18.71	1428.7
4.40	-.986	24.188	19.42	1429.8
4.61	-1.017	24.707	19.84	1430.4
4.84	-1.045	25.095	20.16	1430.8
5.03	-1.059	25.268	20.30	1430.9
5.26	-1.075	25.589	20.56	1431.3
5.40	-1.080	25.602	20.57	1431.3
5.65	-1.091	26.001	20.89	1431.8
5.85	-1.094	26.228	21.08	1432.1
6.04	-1.087	26.398	21.21	1432.4
6.25	-1.090	26.524	21.32	1432.5
6.44	-1.085	26.675	21.44	1432.8
6.63	-1.074	26.843	21.57	1433.1
6.83	-1.048	27.012	21.71	1433.4
7.04	-1.013	27.124	21.80	1433.7
7.28	-.997	27.314	21.95	1434.1
7.40	-.986	27.397	22.02	1434.3
7.60	-.966	27.484	22.09	1434.5
7.80	-.940	27.564	22.15	1434.7
8.01	-.896	27.635	22.21	1435.0
8.24	-.868	27.716	22.28	1435.3
8.43	-.855	27.786	22.33	1435.4
8.60	-.832	27.805	22.35	1435.6
8.84	-.804	27.919	22.44	1435.9
9.01	-.774	28.010	22.51	1436.1
9.23	-.731	28.064	22.56	1436.4
9.43	-.702	28.161	22.63	1436.7
9.66	-.691	28.251	22.71	1436.9
9.81	-.680	28.288	22.74	1437.0
10.01	-.668	28.317	22.76	1437.1
10.25	-.718	28.384	22.81	1436.9
10.48	-.701	28.424	22.85	1437.1
10.64	-.696	28.431	22.85	1437.1
10.75	-.698	28.435	22.85	1437.1

Station 191 1 65 Heure (Gmt) 20h36

Prof. totale (m) 125 Date 16-04-1982

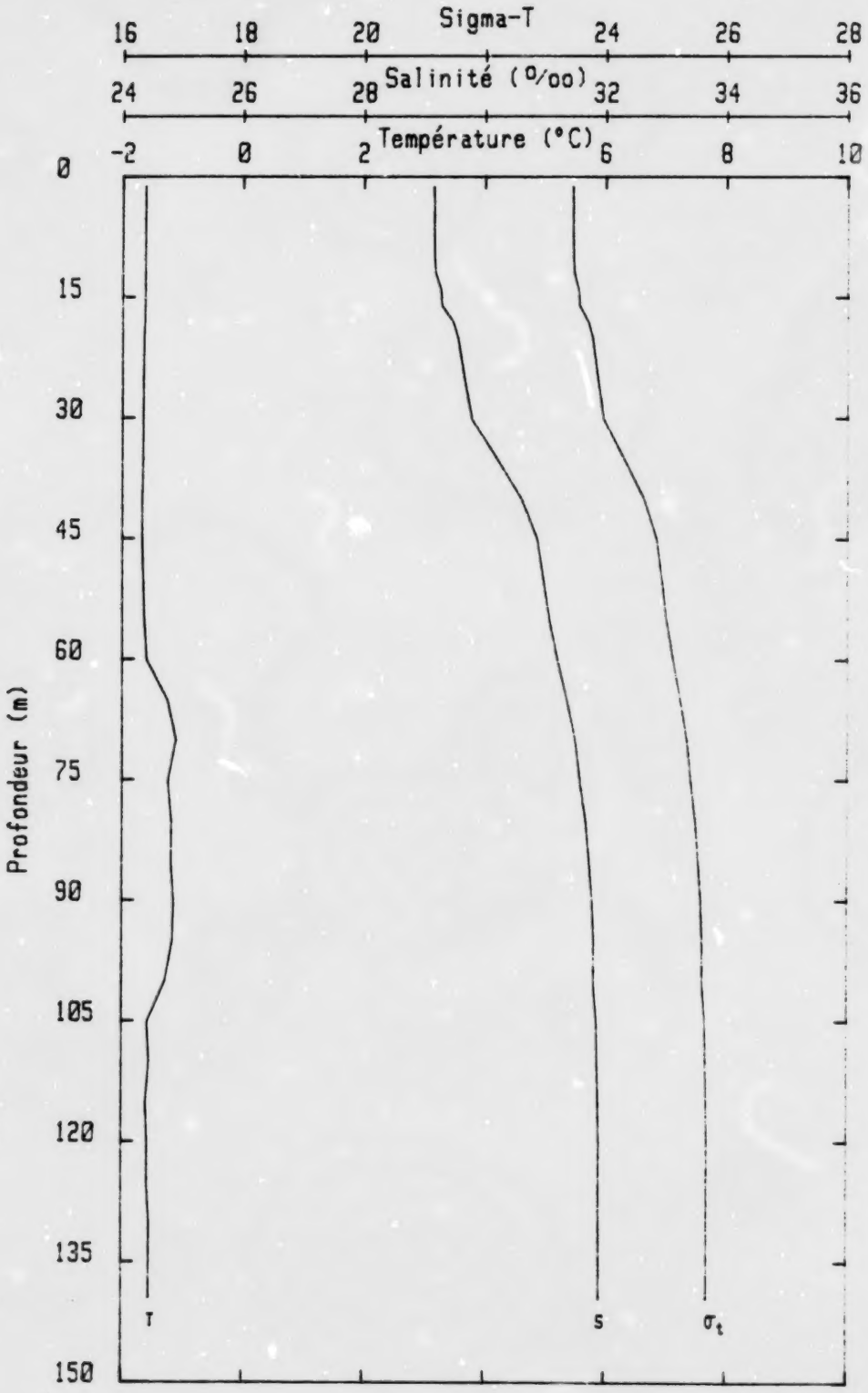


Station	191	1 65	Heure (Gmt)	20h36
Latitude		55° 0.7	Date	16-04-1982
Longitude		79° 0.3		
Profondeur totale (m)		125.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.05	-1.604	28.980	23.31	1433.4
2.01	-1.606	28.997	23.33	1433.4
3.00	-1.607	28.997	23.33	1433.5
4.06	-1.607	28.997	23.33	1433.5
5.06	-1.607	29.001	23.33	1433.5
6.00	-1.608	29.003	23.33	1433.5
7.11	-1.607	29.004	23.33	1433.5
8.05	-1.609	29.008	23.33	1433.5
9.19	-1.608	29.007	23.33	1433.6
10.01	-1.607	29.007	23.33	1433.6
12.05	-1.608	29.008	23.33	1433.6
14.16	-1.606	29.009	23.34	1433.7
16.08	-1.605	29.024	23.35	1433.7
18.24	-1.604	29.186	23.48	1434.0
20.16	-1.591	29.438	23.68	1434.4
25.18	-1.628	29.615	23.83	1434.6
30.05	-1.640	29.802	23.98	1434.9
35.00	-1.647	30.170	24.28	1435.4
40.16	-1.672	30.586	24.62	1436.0
45.05	-1.679	30.925	24.89	1436.5
50.10	-1.649	31.014	24.96	1436.8
55.16	-1.663	31.156	25.08	1437.1
60.03	-1.671	31.259	25.16	1437.2
65.03	-1.408	31.388	25.26	1438.8
70.04	-1.359	31.454	25.31	1439.2
75.16	-1.321	31.545	25.39	1439.6
80.25	-1.538	31.638	25.47	1438.7
85.10	-1.458	31.732	25.54	1439.3
90.18	-1.383	31.780	25.58	1439.8
95.18	-1.449	31.825	25.62	1439.7
100.05	-1.499	31.835	25.63	1439.5
105.08	-1.491	31.845	25.64	1439.7
110.25	-1.500	31.852	25.64	1439.7
115.15	-1.494	31.857	25.64	1439.8
116.13	-1.494	31.857	25.65	1439.8

Station 192 1 66 Heure (Gmt) 21h08

Prof. totale (m) 150 Date 16-04-1982

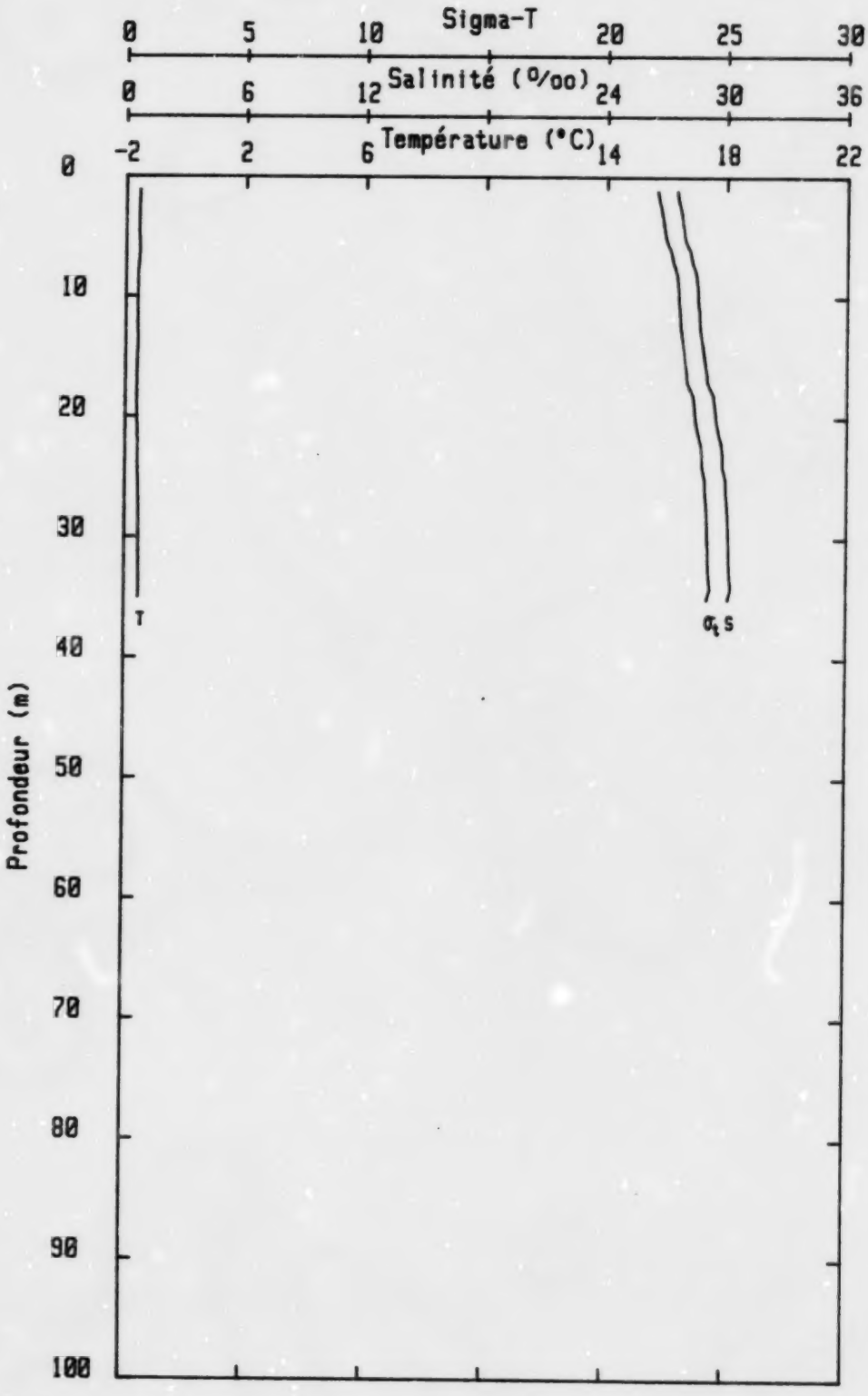


Station	192 1 66	Heure (Gmt)	21h08
Latitude	55° 7.2	Date	16-04-1982
Longitude	79° 6.5		
Profondeur totale (m)	150.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.29	-1.620	29.151	23.45	1433.5
2.00	-1.620	29.151	23.45	1433.4
3.01	-1.621	29.154	23.45	1433.3
4.10	-1.621	29.155	23.45	1433.2
5.08	-1.622	29.157	23.46	1433.2
6.06	-1.622	29.156	23.45	1433.1
7.04	-1.622	29.156	23.45	1433.0
8.01	-1.622	29.159	23.46	1432.9
9.14	-1.623	29.161	23.46	1432.8
10.01	-1.623	29.162	23.46	1432.7
12.04	-1.623	29.181	23.47	1432.6
14.06	-1.623	29.268	23.55	1432.5
16.06	-1.624	29.287	23.56	1432.4
18.14	-1.630	29.474	23.71	1432.4
20.05	-1.644	29.552	23.78	1432.3
25.18	-1.651	29.664	23.87	1431.9
30.18	-1.654	29.785	23.97	1431.6
35.10	-1.652	30.203	24.30	1431.8
40.14	-1.669	30.612	24.64	1431.8
45.05	-1.669	30.868	24.85	1431.7
50.03	-1.647	30.971	24.93	1431.5
55.08	-1.629	31.073	25.01	1431.4
60.11	-1.589	31.210	25.12	1431.5
65.11	-1.240	31.369	25.24	1434.4
70.01	-1.100	31.508	25.35	1435.5
75.18	-1.235	31.585	25.42	1434.1
80.10	-1.175	31.682	25.50	1434.5
85.13	-1.179	31.744	25.55	1434.2
90.01	-1.138	31.796	25.59	1434.5
95.13	-1.159	31.823	25.61	1434.0
100.14	-1.283	31.819	25.61	1432.3
105.13	-1.575	31.870	25.66	1428.7
110.03	-1.541	31.883	25.67	1428.7
115.05	-1.594	31.896	25.68	1427.7
120.05	-1.567	31.912	25.69	1427.7
125.05	-1.567	31.910	25.69	1427.2
130.10	-1.532	31.912	25.69	1427.3
135.05	-1.540	31.915	25.69	1426.8
139.50	-1.540	31.915	25.69	1426.4

Station 190 1 67 Heure (Gmt) 21h45

Prof. totale (m) 35 Date 16-04-1982

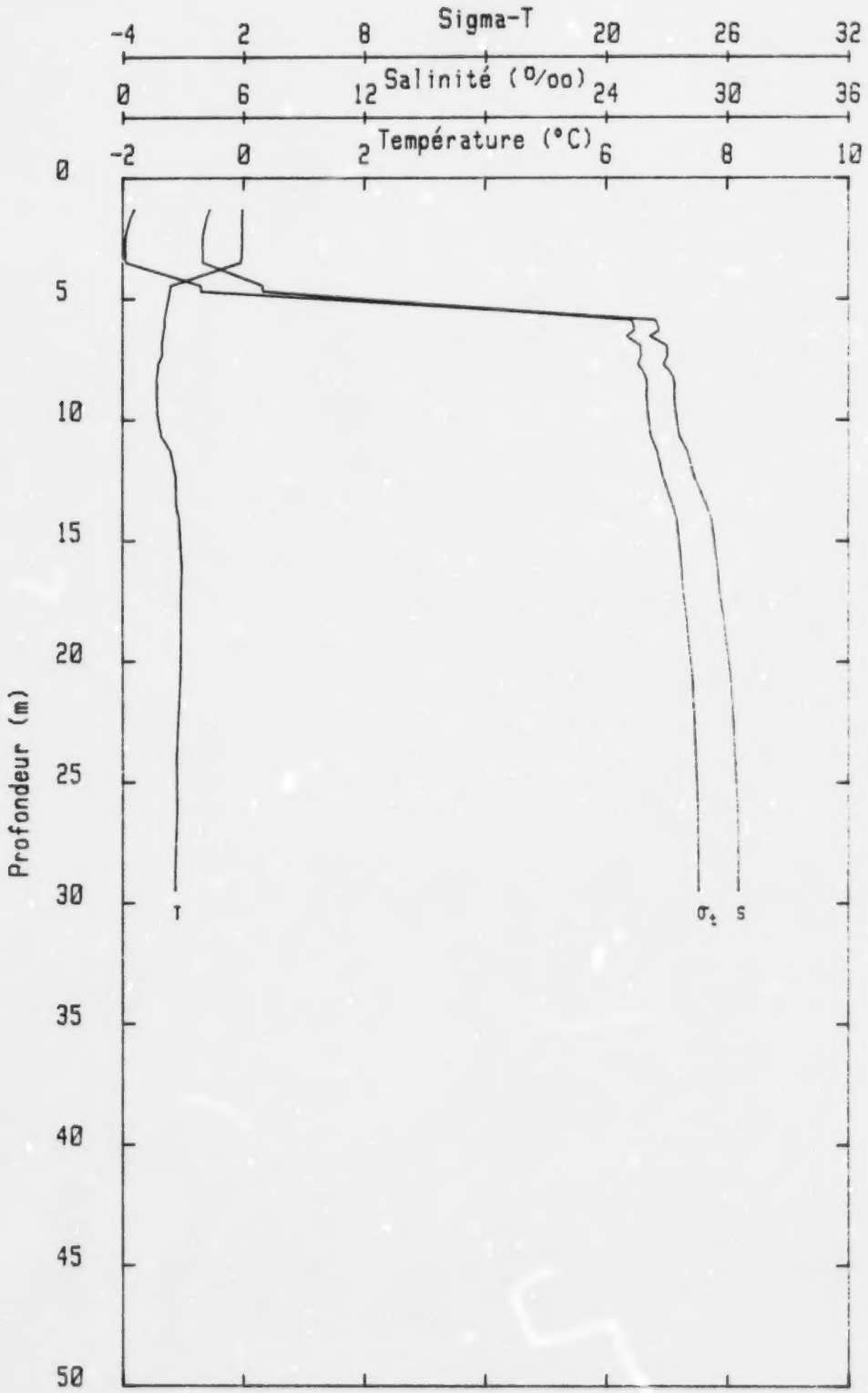


Station	190 1 67	Heure (Gmt)	21h45
Latitude	54°55.1	Date	16-04-1982
Longitude	78°55.2		
Profondeur totale (m)	35.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.18	-1.552	27.484	22.10	1431.6
1.16	-1.551	27.484	22.10	1431.6
1.53	-1.550	27.511	22.12	1431.6
2.01	-1.551	27.565	22.16	1431.7
2.53	-1.559	27.646	22.23	1431.8
3.03	-1.564	27.706	22.28	1431.9
3.54	-1.569	27.757	22.32	1431.9
4.08	-1.572	27.801	22.35	1432.0
4.58	-1.570	27.858	22.40	1432.1
5.04	-1.562	27.892	22.43	1432.2
5.56	-1.547	28.003	22.52	1432.4
6.05	-1.542	28.144	22.63	1432.6
6.59	-1.556	28.224	22.70	1432.7
7.11	-1.567	28.289	22.75	1432.7
7.51	-1.577	28.378	22.82	1432.8
8.05	-1.592	28.469	22.90	1432.9
8.51	-1.595	28.507	22.93	1432.9
9.09	-1.597	28.542	22.96	1433.0
9.55	-1.600	28.567	22.98	1433.0
10.13	-1.605	28.577	22.98	1433.0
11.11	-1.601	28.636	23.03	1433.1
12.09	-1.599	28.659	23.05	1433.2
13.08	-1.586	28.726	23.10	1433.3
14.03	-1.587	28.824	23.18	1433.5
15.01	-1.606	28.902	23.25	1433.5
16.10	-1.611	29.002	23.33	1433.7
17.03	-1.612	29.053	23.37	1433.7
18.10	-1.621	29.348	23.61	1434.1
19.00	-1.618	29.420	23.67	1434.3
20.03	-1.610	29.473	23.71	1434.4
21.00	-1.591	29.582	23.80	1434.6
22.18	-1.575	29.757	23.94	1435.0
23.05	-1.583	29.822	23.99	1435.1
24.09	-1.577	29.839	24.01	1435.1
25.13	-1.561	29.977	24.12	1435.4
26.13	-1.552	29.990	24.13	1435.5
27.05	-1.540	30.048	24.18	1435.6
28.10	-1.537	30.089	24.21	1435.7
29.08	-1.534	30.109	24.23	1435.8
30.06	-1.529	30.126	24.24	1435.8
31.11	-1.524	30.151	24.26	1435.9
32.00	-1.521	30.164	24.27	1436.0
33.00	-1.516	30.196	24.30	1436.1
34.11	-1.518	30.265	24.35	1436.2
35.04	-1.515	30.110	24.23	1436.0

Station 29 4 68 Heure (Gmt) 20h55

Prof. totale (m) 29 Date 23-04-1982

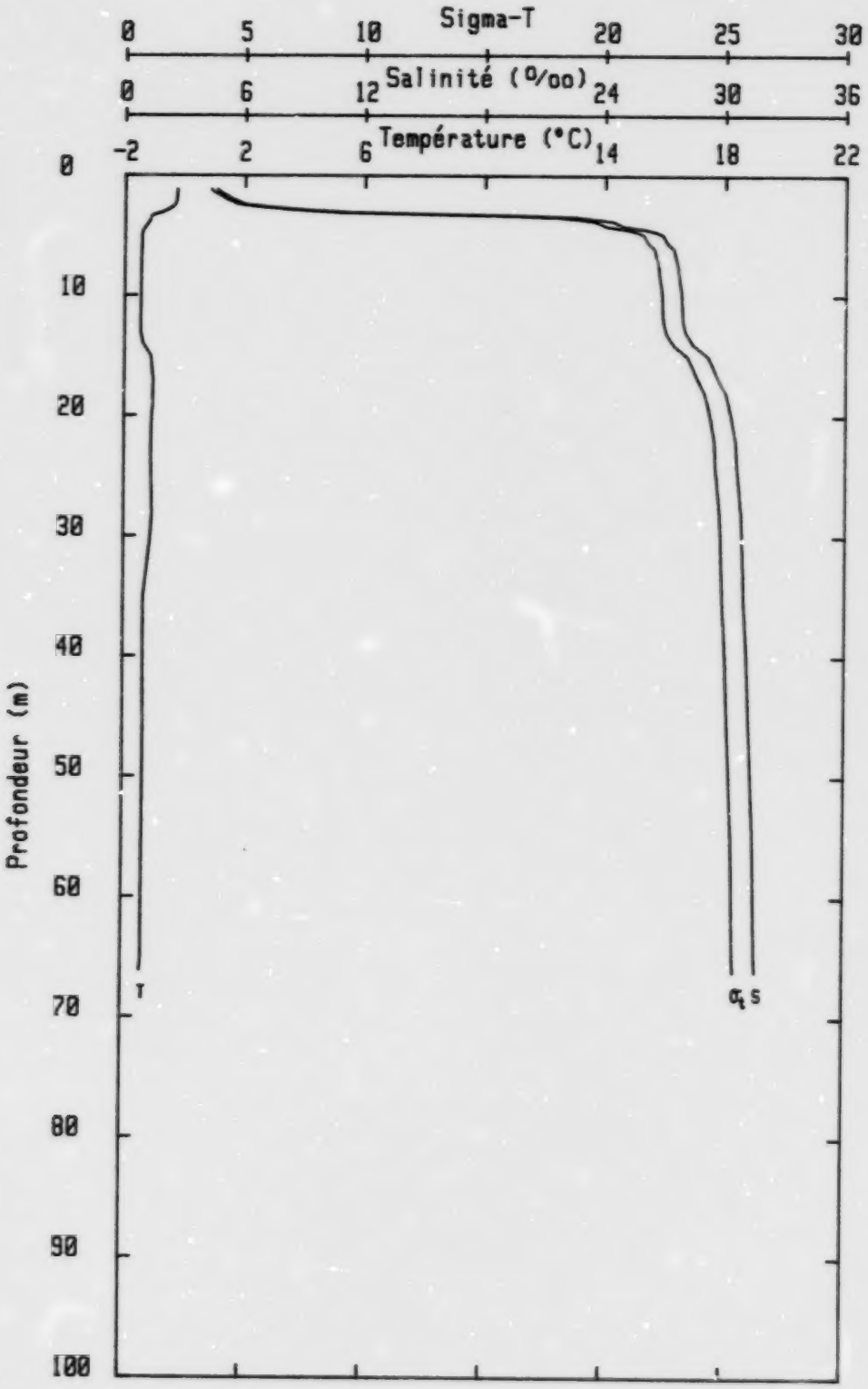


Station	29 4 68	Heure (Gmt)	20h55
Latitude	55°16.7	Date	23-04-1982
Longitude	77°48.9		
Profondeur totale (m)	29.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.34	-.014	0.568	0.33	1403.1
1.68	-.020	0.382	0.18	1402.8
2.29	-.017	0.176	0.01	1402.6
2.50	-.018	0.141	-.02	1402.5
3.28	-.026	0.148	-.01	1402.5
3.51	-.040	0.153	-.01	1402.4
4.48	-1.205	3.885	2.96	1401.2
4.55	-1.209	3.905	2.97	1401.2
4.66	-1.212	3.908	2.98	1401.2
4.71	-1.221	3.918	2.98	1401.2
5.89	-1.306	26.389	21.21	1431.0
5.94	-1.302	26.477	21.28	1431.1
6.19	-1.299	26.597	21.38	1431.3
6.34	-1.320	26.605	21.38	1431.2
6.56	-1.333	26.166	21.03	1430.5
6.96	-1.347	27.005	21.71	1431.5
7.20	-1.348	27.011	21.71	1431.5
7.35	-1.344	27.033	21.73	1431.6
7.73	-1.411	26.835	21.57	1430.9
7.83	-1.415	26.939	21.65	1431.0
8.00	-1.418	27.145	21.82	1431.3
8.28	-1.429	27.331	21.97	1431.4
8.54	-1.427	27.383	22.01	1431.5
9.08	-1.427	27.371	22.00	1431.4
9.71	-1.422	27.444	22.06	1431.5
10.69	-1.356	27.619	22.20	1432.1
11.31	-1.202	28.020	22.53	1433.4
12.35	-1.118	28.357	22.80	1434.3
13.60	-1.105	29.002	23.32	1435.1
14.13	-1.061	29.213	23.49	1435.6
15.05	-1.043	29.353	23.60	1435.9
16.08	-1.015	29.502	23.72	1436.2
17.20	-1.030	29.621	23.82	1436.2
18.23	-1.030	29.816	23.98	1436.4
19.08	-1.030	29.917	24.06	1436.5
20.55	-1.041	30.161	24.26	1436.7
22.54	-1.081	30.298	24.37	1436.6
24.01	-1.106	30.380	24.44	1436.4
26.01	-1.095	30.504	24.54	1436.6
28.55	-1.127	30.549	24.58	1436.3
29.49	-1.127	30.549	24.58	1436.2

Station 40 3 69 Heure (Gmt) 21h27

Prof. totale (m) 67 Date 23-04-1982

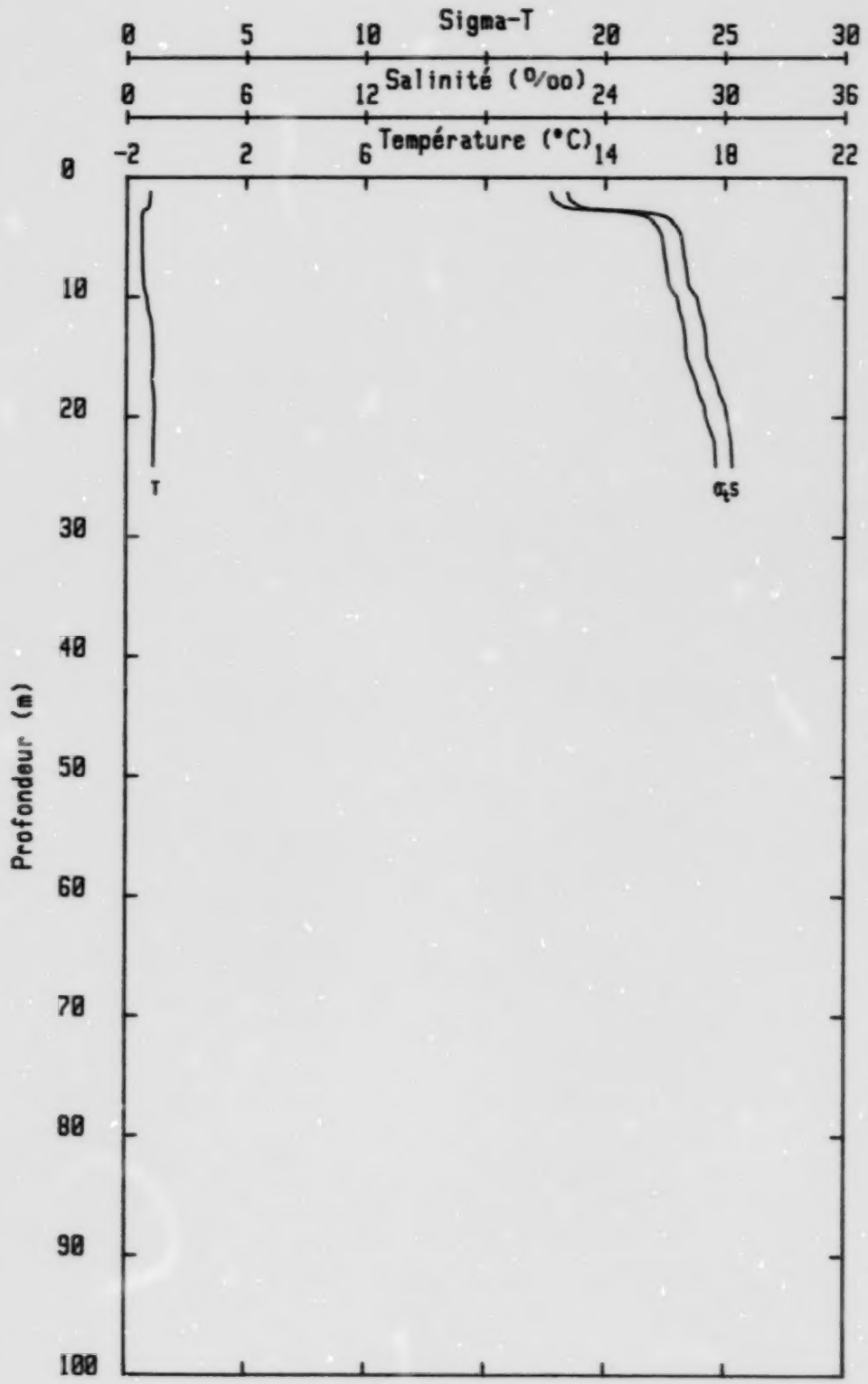


Station	40 3 69	Heure (Gmt)	21h27
Latitude	55°19.9	Date	23-04-1982
Longitude	77°48.7		
Profondeur totale (m)	67.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-.270	4.596	3.60	1407.1
1.41	-.274	4.740	3.71	1407.2
1.60	-.284	4.943	3.88	1407.4
1.81	-.286	5.185	4.07	1407.8
2.01	-.288	5.380	4.23	1408.0
2.21	-.299	5.707	4.50	1408.4
2.40	-.334	5.910	4.66	1408.5
2.61	-.411	7.006	5.54	1409.5
2.68	-.575	8.972	7.13	1411.3
3.09	-.764	11.307	9.01	1413.5
3.30	-1.040	19.529	15.65	1423.1
3.41	-1.130	22.393	17.97	1426.6
3.64	-1.160	23.731	19.05	1428.3
3.80	-1.179	24.404	19.60	1429.2
4.20	-1.287	24.935	20.03	1429.4
4.41	-1.363	25.902	20.81	1430.3
4.65	-1.409	26.539	21.33	1431.0
4.84	-1.433	26.803	21.54	1431.3
5.01	-1.438	26.914	21.63	1431.4
5.54	-1.437	27.064	21.76	1431.6
6.04	-1.447	27.410	22.04	1432.1
6.55	-1.452	27.488	22.10	1432.2
7.04	-1.450	27.573	22.17	1432.3
7.60	-1.455	27.642	22.22	1432.4
8.01	-1.456	27.656	22.24	1432.4
8.56	-1.455	27.699	22.27	1432.5
9.00	-1.461	27.743	22.31	1432.5
9.55	-1.462	27.809	22.35	1432.6
10.00	-1.461	27.820	22.37	1432.6
11.10	-1.458	27.844	22.39	1432.7
12.04	-1.461	27.878	22.42	1432.7
13.00	-1.465	28.019	22.53	1432.9
14.01	-1.380	28.398	22.84	1433.9
15.04	-1.105	29.160	23.45	1436.3
17.00	-1.032	29.701	23.89	1437.4
18.05	-1.038	30.030	24.15	1437.8
19.01	-1.042	30.184	24.28	1438.1
20.04	-1.075	30.325	24.39	1438.1
22.04	-1.095	30.537	24.57	1438.3
24.06	-1.091	30.606	24.62	1438.5
28.01	-1.049	30.832	24.80	1439.1
30.08	-1.103	30.887	24.85	1438.9
35.15	-1.333	30.973	24.92	1438.0
40.15	-1.335	31.145	25.06	1438.4
45.05	-1.314	31.255	25.15	1438.7
55.35	-1.332	31.510	25.36	1439.1
65.01	-1.331	31.621	25.45	1439.5
66.15	-1.372	31.658	25.48	1439.3

Station 100 3 70 Heure (Gmt) 22h05

Prof. totale (m) 25 Date 23-04-1982

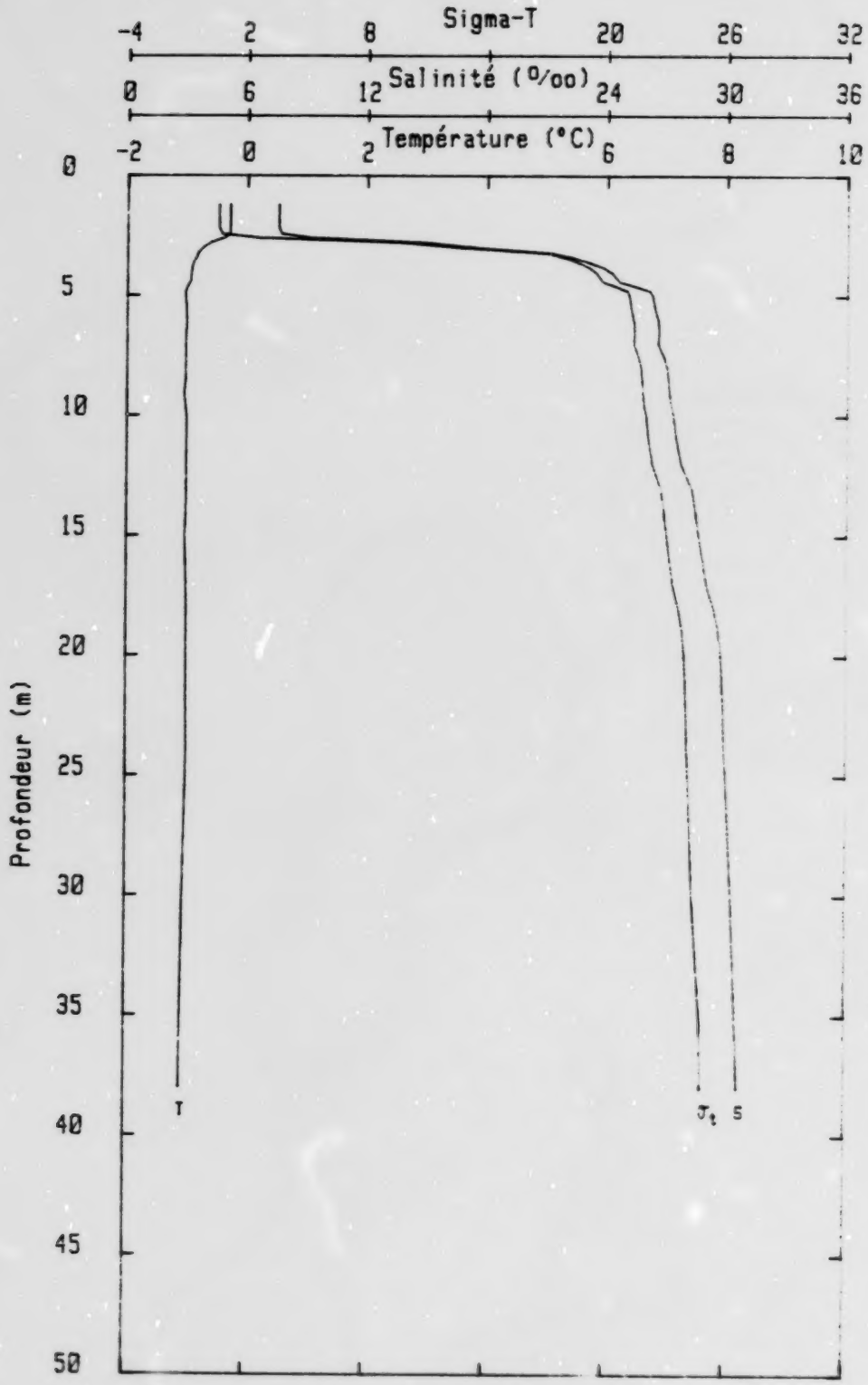


Station	100 3 70	Heure (Gmt)	22h05
Latitude	55°23.2	Date	23-04-1982
Longitude	77°48.2		
Profondeur totale (m)	25.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.26	-1.220	22.091	17.73	1425.7
1.40	-1.222	22.125	17.75	1425.8
1.60	-1.222	22.150	17.77	1425.8
1.81	-1.232	22.209	17.82	1425.9
2.01	-1.241	22.325	17.92	1426.0
2.21	-1.238	22.515	18.07	1426.2
2.43	-1.261	22.711	18.23	1426.4
2.60	-1.295	23.191	18.62	1426.9
2.80	-1.448	25.568	20.54	1429.5
3.00	-1.483	26.500	21.30	1430.6
3.23	-1.495	27.008	21.71	1431.2
3.43	-1.493	27.203	21.87	1431.5
3.65	-1.492	27.349	21.99	1431.7
3.80	-1.493	27.378	22.01	1431.8
4.05	-1.491	27.551	22.15	1432.0
4.20	-1.492	27.608	22.20	1432.1
4.41	-1.488	27.677	22.25	1432.2
4.65	-1.486	27.761	22.32	1432.3
4.86	-1.485	27.801	22.35	1432.4
5.05	-1.484	27.812	22.36	1432.4
5.63	-1.482	27.875	22.41	1432.5
6.04	-1.477	27.902	22.44	1432.6
6.51	-1.473	27.937	22.46	1432.7
7.01	-1.464	28.004	22.52	1432.8
7.58	-1.463	28.053	22.56	1432.9
8.09	-1.445	28.087	22.59	1433.0
8.56	-1.436	28.126	22.62	1433.1
9.01	-1.421	28.172	22.65	1433.3
9.50	-1.381	28.366	22.81	1433.8
10.00	-1.327	28.601	23.00	1434.4
11.06	-1.269	28.720	23.10	1434.8
12.00	-1.165	28.903	23.24	1435.6
13.08	-1.123	29.009	23.33	1435.9
14.04	-1.112	29.046	23.36	1436.1
15.08	-1.102	29.092	23.39	1436.2
17.01	-1.138	29.570	23.78	1436.7
18.00	-1.073	29.719	23.90	1437.2
19.01	-1.051	30.001	24.13	1437.8
20.05	-1.061	30.097	24.21	1437.9
22.00	-1.086	30.301	24.57	-9.0
24.13	-1.092	30.359	24.62	-9.0

Station 1 3 71 Heure (Gmt) 22h40

Prof. totale (m) 39 Date 23-04-1982



Station	1 3 71	Heure (Gmt)	22h40
Latitude	55°30.8	Date	23-04-1982
Longitude	77°25.0		
Profondeur totale (m)	39.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON	CONGEL
1.23	-.289	4.577	3.58	1407.0	-.376
1.41	-.288	4.575	3.58	1407.0	-.376
1.63	-.288	4.570	3.57	1407.0	-.376
1.84	-.289	4.573	3.58	1407.0	-.376
2.21	-.290	4.592	3.59	1407.1	-.377
2.45	-.301	4.748	3.72	1407.2	-.385
2.61	-.381	6.561	5.18	1409.2	-.478
2.80	-.598	13.592	10.86	1417.5	-.826
3.01	-.736	16.697	13.37	1421.0	-.973
3.24	-.822	21.215	17.02	1426.6	-1.183
3.44	-.849	22.326	17.92	1428.0	-1.233
3.63	-.895	23.090	18.54	1428.7	-1.268
3.84	-.924	23.797	19.11	1429.5	-1.300
4.08	-.937	24.261	19.48	1430.1	-1.321
4.43	-.946	24.612	19.77	1430.5	-1.336
4.60	-.987	25.351	20.37	1431.3	-1.369
4.81	-1.030	26.148	21.01	1432.1	-1.405
5.00	-1.027	26.271	21.11	1432.3	-1.410
5.59	-1.011	26.405	21.22	1432.5	-1.416
6.09	-1.003	26.569	21.35	1432.8	-1.423
6.51	-1.016	26.600	21.38	1432.7	-1.425
7.01	-1.022	26.561	21.34	1432.6	-1.423
7.56	-1.017	26.857	21.58	1433.0	-1.436
8.00	-1.024	27.016	21.71	1433.2	-1.443
8.53	-1.022	27.084	21.77	1433.3	-1.446
9.03	-1.045	27.131	21.81	1433.2	-1.448
9.53	-1.025	27.194	21.86	1433.3	-1.451
10.01	-1.000	27.343	21.98	1433.7	-1.458
11.01	-1.003	27.498	22.10	1433.8	-1.464
12.03	-1.005	27.740	22.30	1434.1	-1.475
13.08	-1.002	28.293	22.75	1434.8	-1.499
14.01	-1.007	28.460	22.88	1434.9	-1.507
15.00	-1.025	28.630	23.02	1435.0	-1.514
17.00	-1.000	29.023	23.34	1435.6	-1.531
18.01	-.992	29.397	23.64	1436.1	-1.548
19.00	-.994	29.643	23.84	1436.4	-1.558
20.03	-.995	29.768	23.94	1436.5	-1.564
22.05	-.992	29.889	24.04	1436.6	-1.569
24.03	-.985	29.961	24.10	1436.6	-1.572
28.06	-1.021	30.220	24.31	1436.5	-1.583
30.08	-1.040	30.331	24.40	1436.5	-1.588
35.10	-1.065	30.559	24.80	1436.4	-1.598
38.03	-1.075	30.686	24.85	1436.3	-1.604

MAI 1982

Résumé des stations occupées

TABLEAU 3
Informations sur les stations occupées (phase 2)

STATION No	Seq	Cons	DATE	HEURE (GMT)	POSITION Latitude	Longitude	PROFONDEUR (m) totale	CTP	PAGE
1	4	72	10-05-1982	20h30	55°30.80	77°25.00	36	34	159
62	3	73	10-05-1982	20h56	55°29.05	77°28.05	45	39	161
27	3	74	10-05-1982	21h20	55°26.52	77°31.49	45	42	163
60	4	75	10-05-1982	21h47	55°21.73	77°42.34	45	43	165
100	4	76	10-05-1982	22h15	55°23.20	77°48.20	25	23	167
40	4	77	10-05-1982	22h45	55°19.90	77°48.70	50	42	169
29	5	78	10-05-1982	23h11	55°16.70	77°48.90	30	28	171
290	1	79	11-05-1982	16h20	55°54.48	76°54.26	65	55	173
292	1	80	11-05-1982	17h00	55°56.01	76°57.84	65	55	175
293	1	81	11-05-1982	17h30	55°58.54	77°02.25	160	140	177
291	1	82	11-05-1982	18h55	55°55.29	76°56.44	80	75	179
294	1	83	11-05-1982	19h37	56°06.11	77°17.90	50	45	181
295	1	84	11-05-1982	20h10	56°14.57	77°34.53	22	21	183
203	2	85	12-05-1982	16h10	55°39.58	77°11.00	27	26	185
201	2	86	12-05-1982	16h45	55°34.44	77°17.37	30	29	187
281	3	87	12-05-1982	17h15	55°32.42	77°21.52	31	30	189
62	4	88	12-05-1982	17h50	55°29.05	77°28.05	49	48	191
260	1	89	12-05-1982	18h34	55°24.20	77°37.40	61	60	193
261	2	90	12-05-1982	19h10	55°25.47	77°39.03	19	18	195
231	2	91	13-05-1982	18h12	55°13.60	77°58.70	65	57	197
241	2	92	13-05-1982	19h25	55°18.84	77°52.42	65	61	199
243	2	93	13-05-1982	20h10	55°23.86	78°18.84	110	107	201
233	2	94	14-05-1982	22h25	55°17.72	78°04.20	50	49	203
253	2	95	14-05-1982	23h00	55°27.14	77°51.99	50	46	205
252	2	96	14-05-1982	23h23	55°24.56	77°48.64	50	49	207
251	2	97	14-05-1982	23h42	55°22.42	77°44.88	50	48	209
262	2	98	15-05-1982	00h13	55°26.97	77°41.20	60	59	211
263	2	99	15-05-1982	00h37	55°28.43	77°43.06	80	78	213
221	2	100	16-05-1982	16h30	55°10.60	78°07.01	60	55	215
222	2	101	16-05-1982	16h55	55°12.69	78°10.15	80	70	217
223	2	102	16-05-1982	17h20	55°15.01	78°13.21	44	40	219
225	2	103	16-05-1982	17h53	55°06.60	78°14.34	24	20	221
226	2	104	16-05-1982	18h28	55°09.52	78°18.22	57	55	223
227	2	105	16-05-1982	19h00	55°13.29	78°23.37	115	110	225
228	2	106	16-05-1982	19h28	54°59.91	78°22.04	41	40	227
242	2	107	17-05-1982	12h30	55°22.28	77°56.24	70	69	229
232	2	108	17-05-1982	13h00	55°15.51	78°00.59	105	100	231
254	1	109	17-05-1982	13h40	55°30.84	77°57.45	100	94	233
264	1	110	17-05-1982	14h15	55°29.31	77°45.03	100	140	235

TABLEAU 3 (suite)
Informations sur les stations occupées (phase 2)

STATION No	Seq	Cons	DATE	HEURE (GMT)	POSITION Latitude	Longitude	PROFONDEUR (m) totale	CTP	PAGE
274	1	111	17-05-1982	15h05	55°33.56	76°36.46	100	95	237
273	2	112	17-05-1982	15h45	55°31.68	77°34.41	75	73	239
275	1	113	17-05-1982	17h38	55°36.56	77°43.39	130	127	241
271	2	114	17-05-1982	18h21	55°29.42	77°31.61	51	50	243
282	2	115	17-05-1982	18h56	55°33.92	77°24.05	50	34	245
284	2	116	17-05-1982	19h19	55°36.00	77°26.97	20	16	247
286	2	117	17-05-1982	19h44	55°39.29	77°29.98	75	70	249
208	2	118	17-05-1982	20h21	55°43.10	77°19.56	75	69	251
206	2	119	17-05-1982	20h46	55°39.90	77°13.90	36	36	353

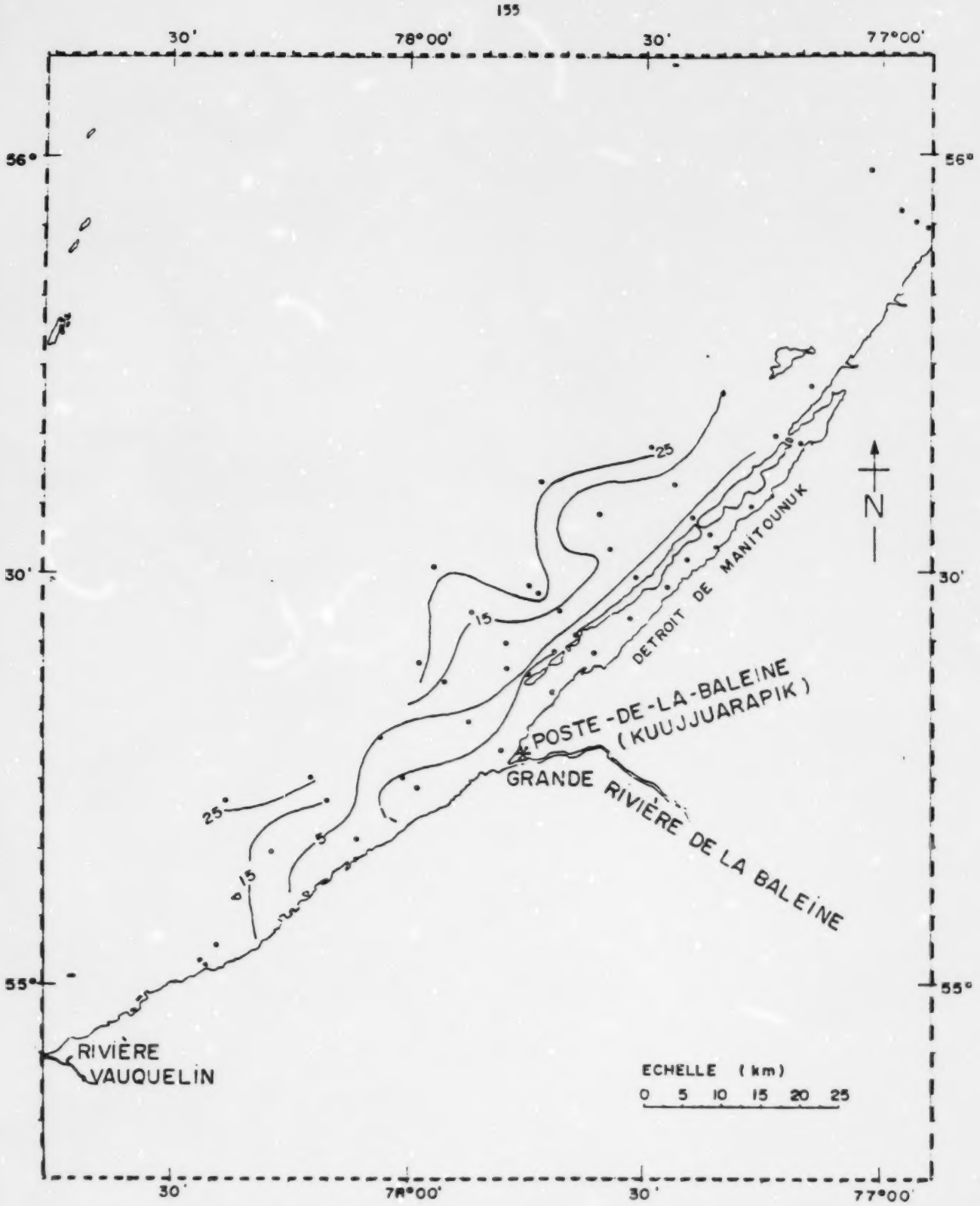


Figure 4: Salinité de surface - mai 1982

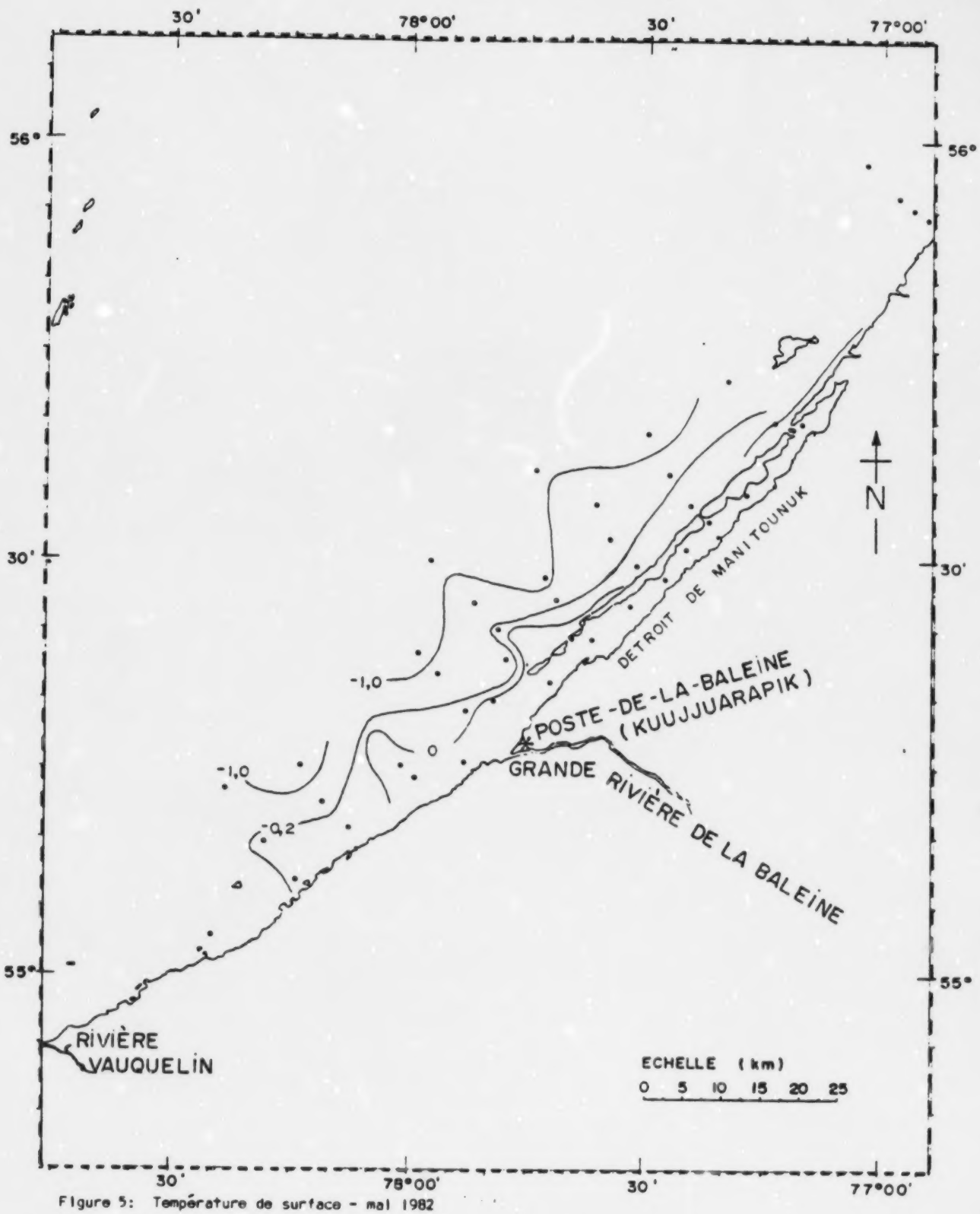
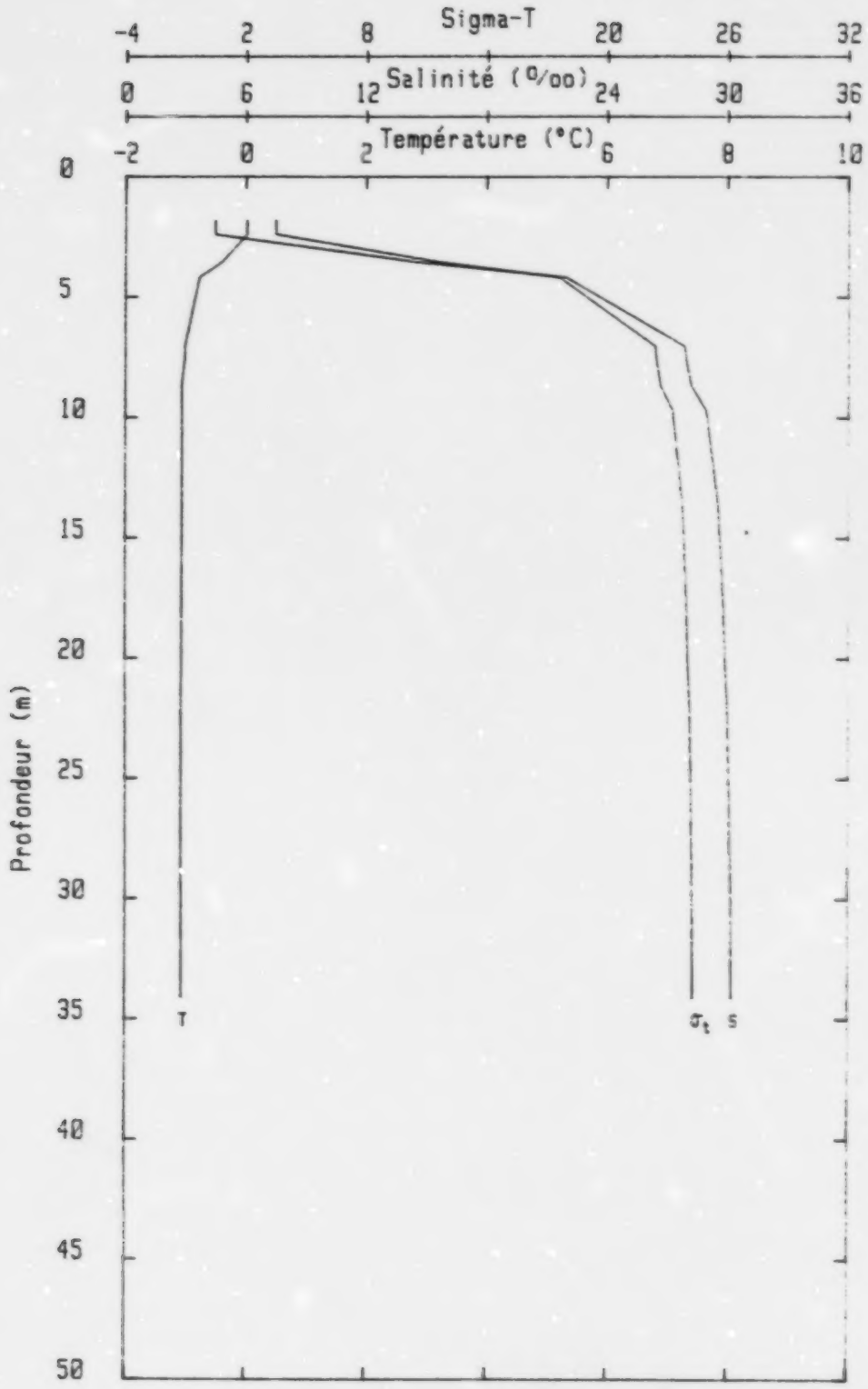


Figure 5: Température de surface - mai 1982

Données et profils CTP

Station 1 4 72 Heure (Gmt) 20h30

Prof. totale (m) 36 Date 10-05-1982

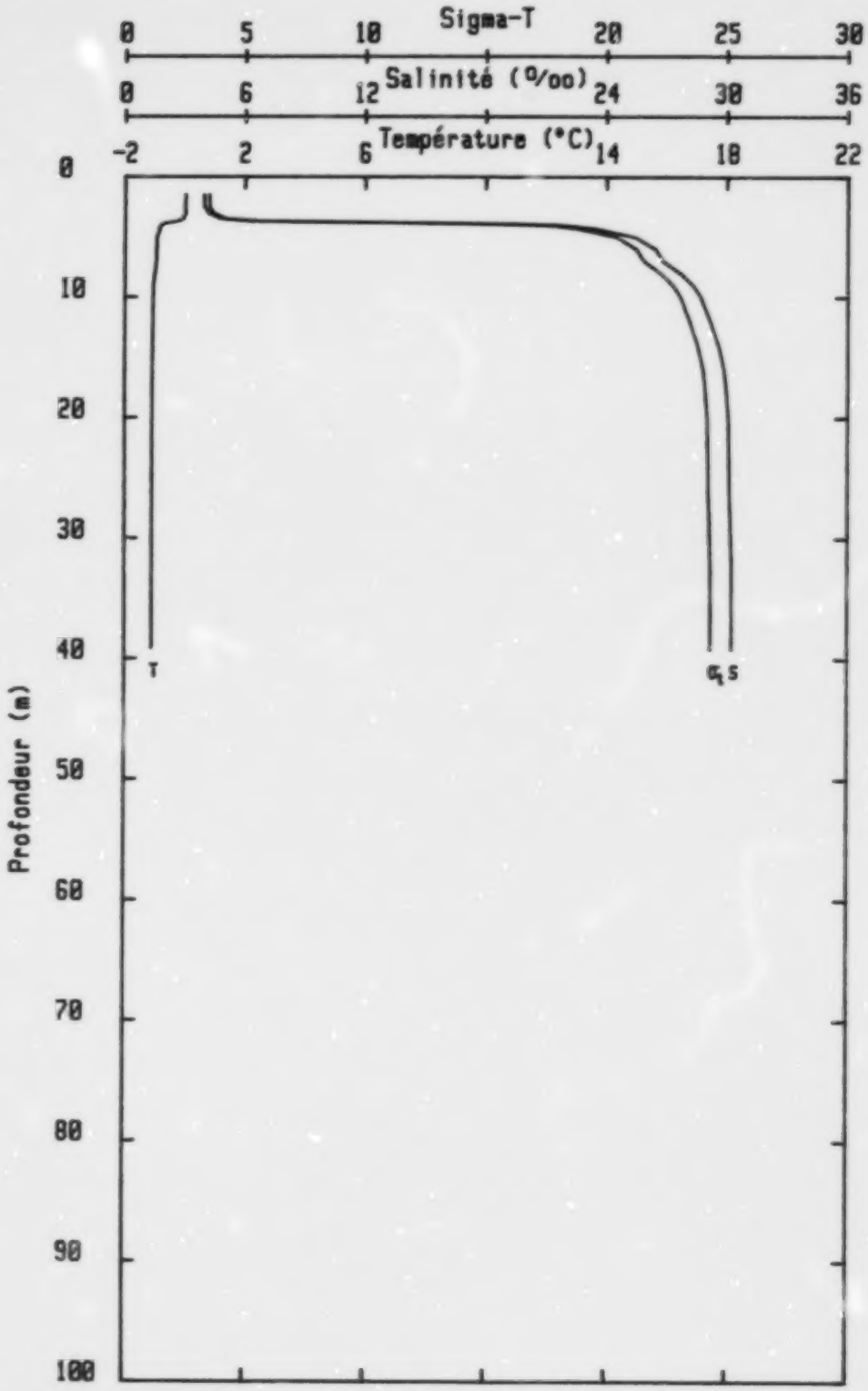


Station	1 4 72	Heure (Gmt)	20h30
Latitude	55°30.8	Date	10-05-1982
Longitude	77°25.0		
Profondeur totale (m)	36.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON	CONGEL
1.84	0.019	4.474	3.51	1408.5	-.451
2.41	0.020	4.480	3.52	1408.5	-.452
3.55	-.390	14.397	11.52	1419.6	-.945
4.20	-.771	21.960	17.62	1427.8	-1.297
7.05	-1.007	27.852	22.39	1434.4	-1.560
7.40	-1.009	27.909	22.44	1434.5	-1.563
7.59	-1.012	27.932	22.45	1434.5	-1.564
8.70	-1.063	28.201	22.67	1434.5	-1.576
9.70	-1.055	28.925	23.26	1435.5	-1.607
13.64	-1.057	29.522	23.74	1436.1	-1.634
18.11	-1.062	29.811	23.98	1436.2	-1.646
18.45	-1.063	29.816	23.98	1436.2	-1.646
19.99	-1.062	29.882	24.03	1436.2	-1.649
21.85	-1.072	29.982	24.12	1436.2	-1.654
22.33	-1.070	30.003	24.13	1436.2	-1.654
23.75	-1.067	30.039	24.16	1436.2	-1.656
24.85	-1.073	30.079	24.19	1436.2	-1.658
28.01	-1.069	30.147	24.25	1436.1	-1.661
28.14	-1.069	30.156	24.26	1436.1	-1.661
30.05	-1.062	30.206	24.30	1436.2	-1.663
32.21	-1.059	30.219	24.31	1436.1	-1.664
34.13	-1.058	30.223	24.31	1436.0	-1.664

Station 62 3 73 Heure (Gmt) 20h56

Prof. totale (m) 45 Date 10-05-1982

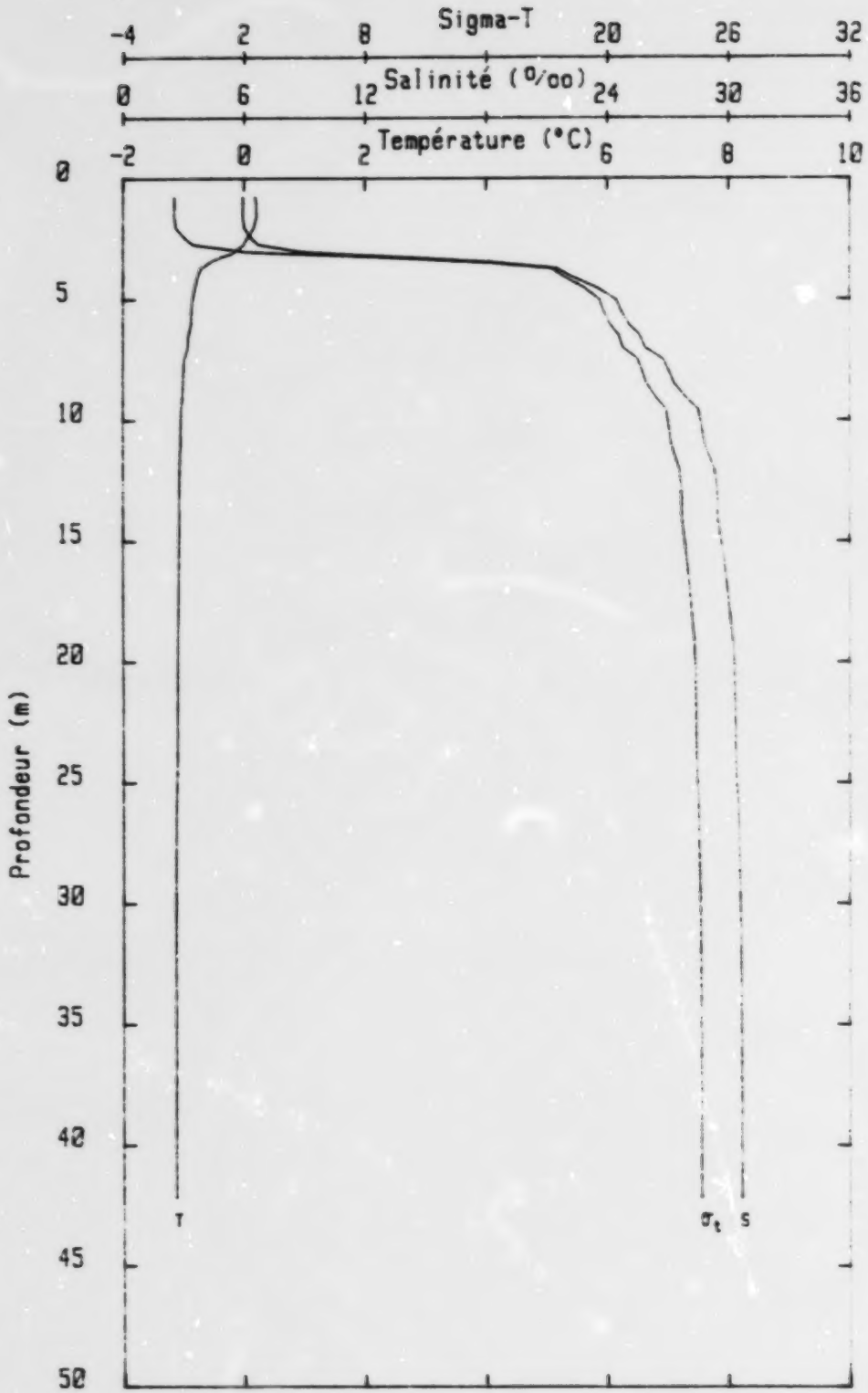


Station	62 3 73	Heure (Gmt)	20h56
Latitude	55°29.1	Date	10-05-1982
Longitude	77°28.1		
Profondeur totale (m)	45.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.54	.013	4.186	3.28	1407.9
2.04	.006	4.192	3.28	1407.9
2.53	-.003	4.224	3.31	1407.9
3.06	.010	4.419	3.47	1408.2
3.51	-.069	5.015	3.95	1408.6
3.61	-.148	5.906	4.67	1409.4
3.71	-.241	6.621	5.24	1409.9
3.89	-.681	17.578	14.08	1422.3
3.94	-.733	19.621	15.73	1424.8
4.01	-.786	21.706	17.42	1427.3
4.28	-.851	23.255	18.67	1429.2
4.54	-.858	24.108	19.36	1430.3
5.01	-.943	25.424	20.42	1431.7
6.00	-.950	26.426	21.23	1433.1
7.04	-.960	26.837	21.57	1433.6
8.14	-1.012	27.790	22.34	1434.7
9.08	-1.048	28.353	22.80	1435.3
10.04	-1.055	28.717	23.09	1435.8
12.08	-1.067	29.192	23.48	1436.4
14.08	-1.072	29.597	23.80	1437.0
16.08	-1.080	29.873	24.03	1437.4
18.03	-1.082	29.982	24.12	1437.6
20.15	-1.084	30.081	24.20	1437.7
22.08	-1.084	30.096	24.21	1437.8
24.05	-1.085	30.122	24.23	1437.8
26.05	-1.086	30.134	24.24	1437.9
28.05	-1.088	30.178	24.27	1438.0
30.10	-1.089	30.212	24.30	1438.1
32.01	-1.088	30.252	24.33	1438.1
34.09	-1.088	30.258	24.34	1438.2
36.05	-1.088	30.261	24.34	1438.2
38.13	-1.088	30.264	24.34	1438.3
39.19	-1.086	30.266	24.35	1438.3

Station 27 3 74 Heure (Gmt) 21h20

Prof. totale (m) 45 Date 10-05-1982

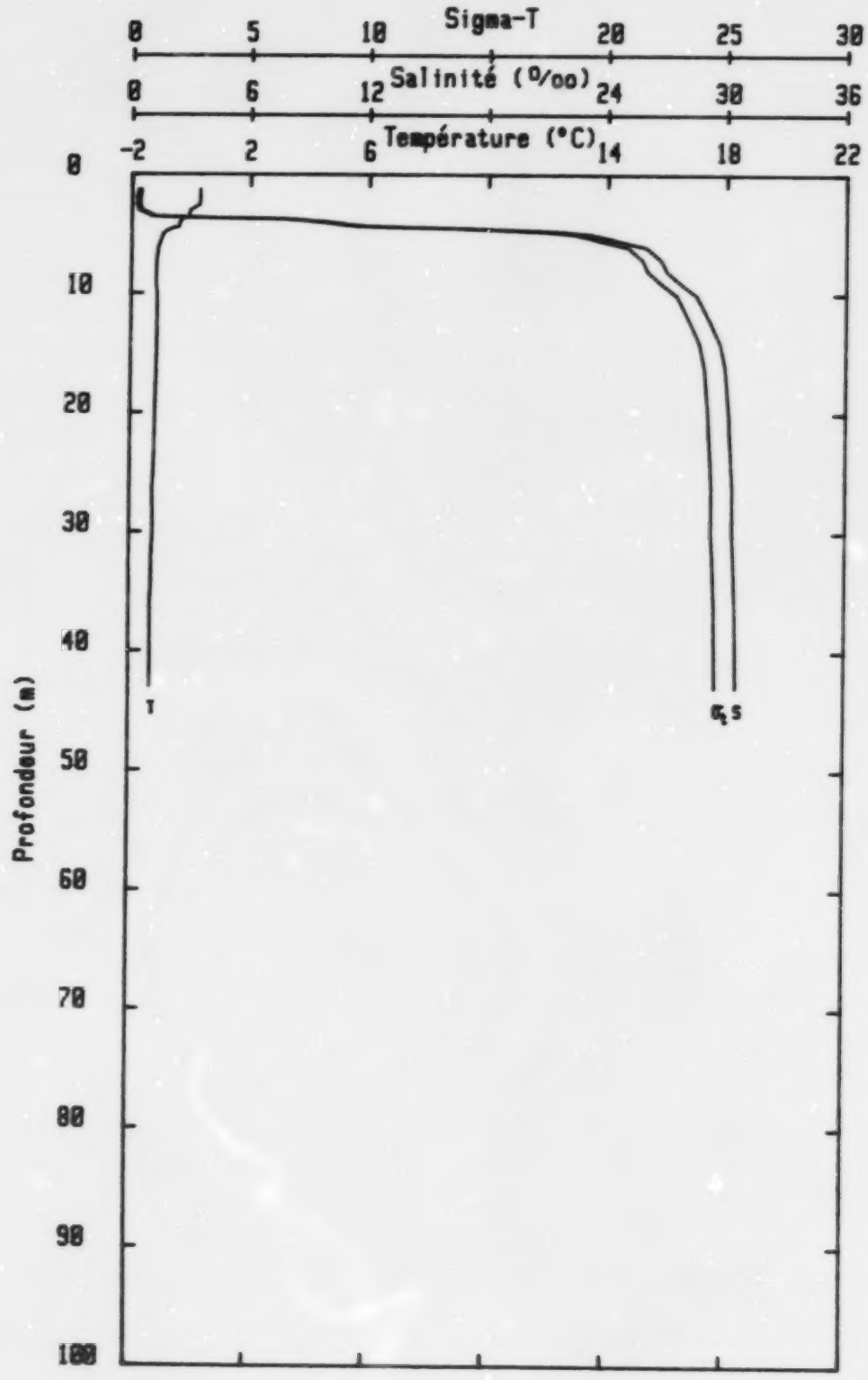


Station	27 3 74	Heure (Gmt)	21h20
Latitude	55°26.5	Date	10-05-1982
Longitude	77°31.5		
Profondeur totale (m)	45.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
0.80	0.190	2.551	1.96	1406.7
1.00	0.200	2.550	1.96	1406.8
1.55	0.215	2.542	1.96	1406.9
2.05	0.165	2.627	2.02	1406.8
2.50	0.048	3.097	2.40	1406.8
2.75	-.006	3.488	2.71	1407.0
3.05	-.163	6.136	4.85	1409.8
3.13	-.200	8.113	6.45	1412.2
3.26	-.383	12.213	9.76	1416.8
3.30	-.420	13.191	10.54	1417.9
3.40	-.513	15.567	12.46	1420.6
3.51	-.585	18.192	14.58	1423.7
3.75	-.718	21.529	17.27	1427.5
4.01	-.758	22.047	17.69	1428.0
4.53	-.807	23.448	18.82	1429.6
5.04	-.850	24.447	19.63	1430.7
5.56	-.869	24.729	19.86	1431.0
6.06	-.874	25.077	20.14	1431.4
6.51	-.918	25.619	20.58	1431.9
7.04	-.933	25.888	20.80	1432.2
7.50	-.991	26.773	21.52	1433.0
8.06	-1.001	27.096	21.78	1433.4
8.50	-1.004	27.313	21.95	1433.7
9.11	-1.021	27.932	22.45	1434.4
9.59	-1.041	28.519	22.93	1435.0
10.01	-1.045	28.628	23.02	1435.1
11.03	-1.051	28.839	23.19	1435.3
12.09	-1.066	29.348	23.60	1435.9
13.13	-1.071	29.473	23.70	1436.0
14.04	-1.069	29.482	23.71	1436.0
15.11	-1.075	29.671	23.86	1436.1
16.05	-1.080	29.827	23.99	1436.3
17.03	-1.084	29.961	24.10	1436.4
18.08	-1.089	30.097	24.21	1436.5
19.11	-1.094	30.235	24.32	1436.6
20.11	-1.097	30.290	24.36	1436.6
22.01	-1.102	30.336	24.40	1436.5
24.03	-1.106	30.354	24.42	1436.4
26.05	-1.124	30.481	24.52	1436.3
28.08	-1.127	30.536	24.57	1436.3
30.08	-1.130	30.602	24.62	1436.2
32.01	-1.129	30.624	24.64	1436.2
34.03	-1.127	30.645	24.65	1436.1
36.05	-1.125	30.663	24.67	1436.0
38.00	-1.127	30.667	24.67	1435.9
40.13	-1.127	30.673	24.68	1435.8
42.18	-1.127	30.683	24.68	1435.7

Station 60 4 75 Heure (Gmt) 21h47

Prof. totale (m) 45 Date 10-05-1982

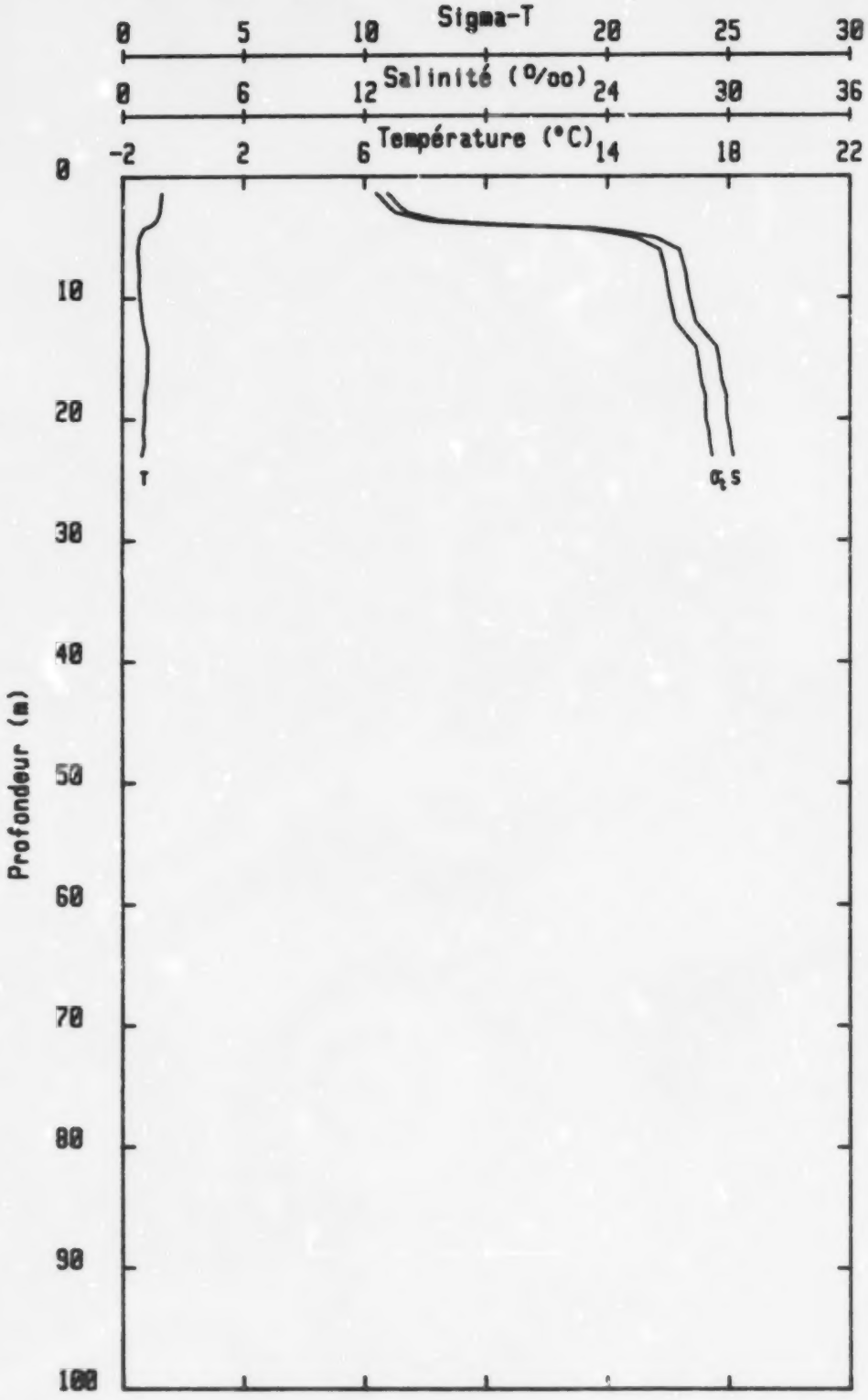


Station	60 4 75	Heure (Gmt)	21h47
Latitude	55°21.7	Date	10-05-1982
Longitude	77°42.3		
Profondeur totale (m)	45.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.30	.297	.482	.28	1404.6
1.53	.294	.462	.27	1404.5
2.01	.294	.421	.23	1404.5
2.55	.280	.416	.23	1404.4
3.04	-.044	.535	.30	1403.0
3.55	-.094	1.201	.85	1403.6
3.68	-.224	4.066	3.17	1406.6
3.75	-.320	7.848	6.23	1411.1
3.83	-.340	8.629	6.86	1412.0
3.91	-.353	9.174	7.30	1412.7
4.00	-.371	9.980	7.95	1413.6
4.10	-.394	10.534	8.40	1414.3
4.20	-.395	10.890	8.69	1414.7
4.34	-.404	11.817	9.43	1415.9
4.43	-.435	13.824	11.06	1418.4
4.50	-.602	16.909	13.54	1421.7
4.76	-.821	21.653	17.37	1427.1
5.01	-.940	23.231	18.65	1428.7
6.08	-1.096	25.952	20.85	1431.7
7.15	-1.153	26.702	21.46	1432.5
8.10	-1.162	26.986	21.69	1432.9
9.13	-1.167	27.706	22.27	1433.9
10.13	-1.122	28.503	22.92	1435.2
12.10	-1.110	29.113	23.41	1436.1
14.06	-1.118	29.673	23.87	1436.9
16.08	-1.129	29.934	24.08	1437.2
18.03	-1.146	30.033	24.16	1437.3
20.05	-1.164	30.134	24.24	1437.4
22.09	-1.173	30.191	24.29	1437.5
24.03	-1.192	30.266	24.35	1437.5
26.30	-1.236	30.329	24.40	1437.5
28.09	-1.217	30.328	24.40	1437.6
30.06	-1.214	30.333	24.40	1437.6
32.00	-1.256	30.398	24.46	1437.6
34.04	-1.251	30.444	24.49	1437.7
36.01	-1.288	30.498	24.54	1437.6
38.06	-1.279	30.517	24.55	1437.7
40.16	-1.279	30.546	24.58	1437.8
42.11	-1.280	30.565	24.59	1437.8
43.01	-1.285	30.576	24.60	1437.8

Station 100 4 76 Heure (Gmt) 22h15

Prof. totale (m) 25 Date 10-05-1982

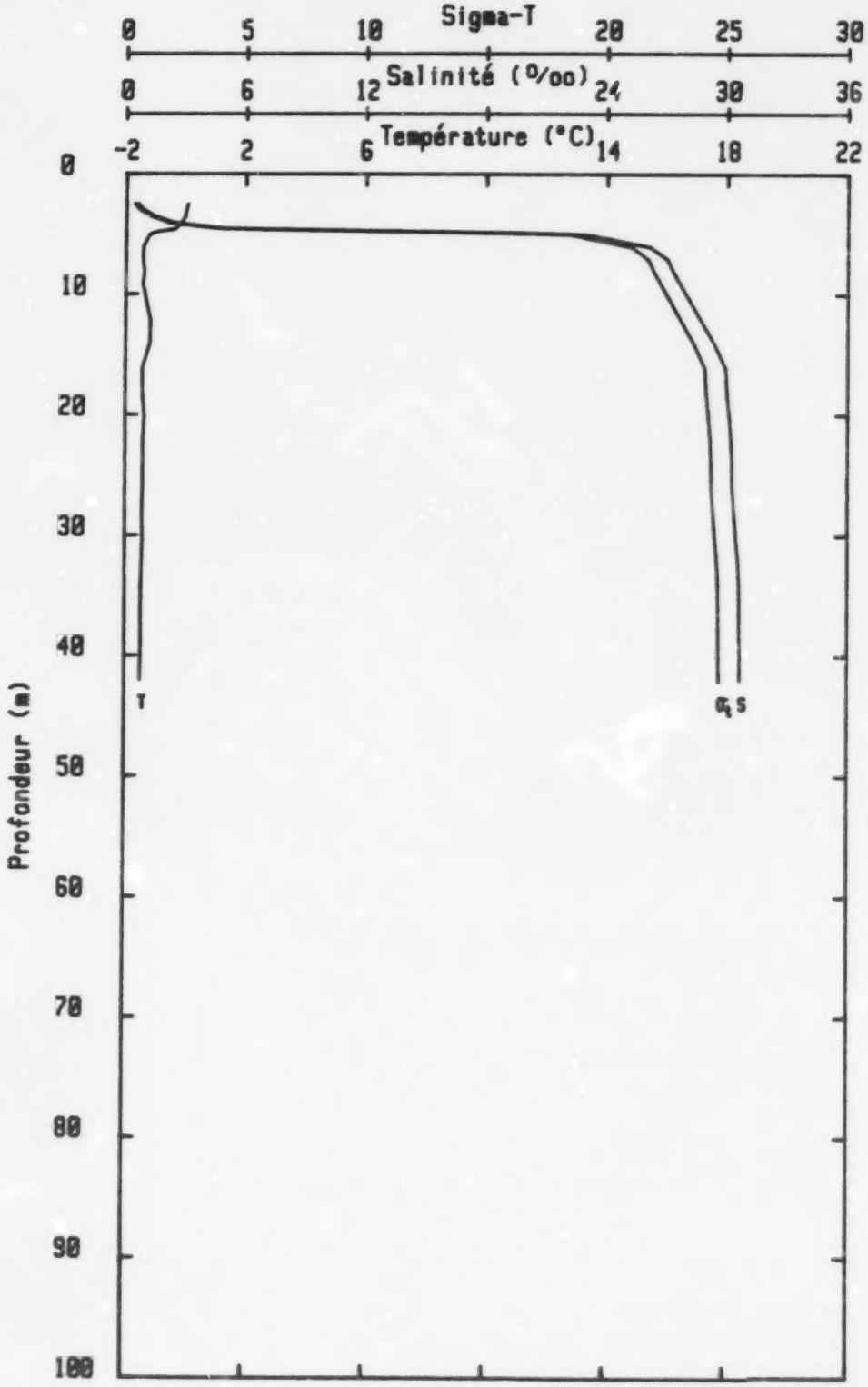


Station	100 4 76	Heure (Gmt)	22h15
Latitude	55°23.2	Date	10-05-1982
Longitude	77°48.2		
Profondeur totale (m)	25.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.41	-.712	13.142	10.50	1416.1
1.86	-.730	13.434	10.73	1416.4
2.00	-.737	13.470	10.76	1416.5
2.56	-.755	13.806	11.03	1416.8
3.00	-.782	14.127	11.29	1417.1
3.60	-.868	15.571	12.46	1418.6
3.75	-.921	16.371	13.10	1419.5
4.00	-1.030	18.797	15.06	1422.2
4.28	-1.281	23.208	18.63	1427.0
4.56	-1.359	24.705	19.84	1428.7
5.08	-1.450	26.382	21.20	1430.6
6.08	-1.494	27.581	22.18	1432.1
7.05	-1.472	27.735	22.30	1432.4
8.00	-1.441	27.882	22.42	1432.8
9.05	-1.450	27.970	22.49	1432.9
10.04	-1.418	28.079	22.58	1433.2
11.05	-1.371	28.237	22.71	1433.7
12.03	-1.327	28.368	22.81	1434.1
13.14	-1.230	28.925	23.26	1435.3
14.05	-1.157	29.401	23.65	1436.3
15.04	-1.157	29.529	23.75	1436.5
16.03	-1.162	29.602	23.81	1436.6
17.01	-1.180	29.696	23.89	1436.7
18.04	-1.254	29.893	24.05	1436.6
19.16	-1.257	29.906	24.06	1436.7
20.10	-1.259	29.929	24.08	1436.7
21.06	-1.306	30.071	24.19	1436.7
22.05	-1.260	30.126	24.24	1437.0
23.03	-1.354	30.235	24.33	1436.7

Station 40 4 77 Heure (Gmt) 22h45

Prof. totale (m) 50 Date 10-05-1982

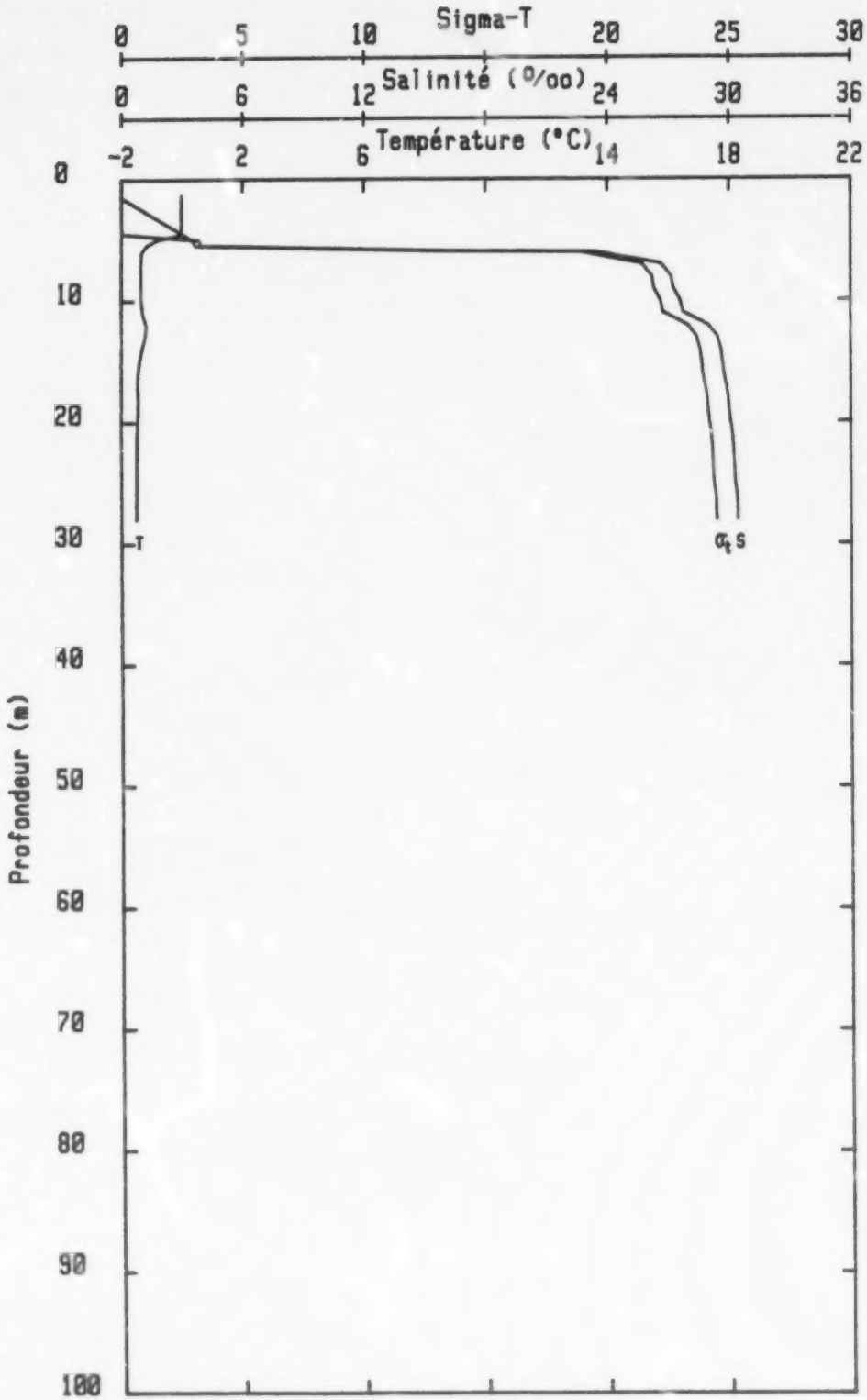


Station	40 4 77	Heure (Gmt)	22h45
Latitude	55°19.9	Date	10-05-1982
Longitude	77°48.7		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
2.50	.053	.602	.37	1403.5
3.03	.002	.861	.57	1403.6
3.55	-.032	1.421	1.03	1404.2
4.10	-.186	2.384	1.80	1404.7
4.55	-.350	4.847	3.80	1407.0
4.63	-.442	7.303	5.78	1409.8
4.79	-.884	14.732	11.78	1417.5
4.86	-1.044	18.297	14.66	1421.5
4.96	-1.113	21.653	17.37	1425.7
5.05	-1.222	23.052	18.50	1427.1
6.06	-1.426	26.155	21.02	1430.4
7.10	-1.431	27.005	21.71	1431.6
8.10	-1.385	27.287	21.94	1432.2
9.11	-1.431	27.645	22.23	1432.5
12.10	-1.177	28.674	23.06	1435.2
14.03	-1.179	29.343	23.60	1436.2
16.10	-1.436	29.924	24.08	1435.8
18.09	-1.436	29.991	24.13	1435.9
20.11	-1.367	30.115	24.23	1436.4
22.05	-1.413	30.206	24.30	1436.4
24.06	-1.416	30.247	24.34	1436.5
26.00	-1.417	30.271	24.36	1436.5
28.08	-1.435	30.364	24.43	1436.6
30.11	-1.416	30.448	24.50	1436.8
32.05	-1.442	30.567	24.60	1436.9
34.06	-1.461	30.630	24.65	1436.9
36.05	-1.464	30.649	24.66	1437.0
38.09	-1.457	30.652	24.67	1437.1
40.08	-1.468	30.673	24.68	1437.1
42.09	-1.481	30.693	24.70	1437.1

Station 29 5 78 Heure (Gmt) 23h11

Prof. totale (m) 30 Date 10-05-1982

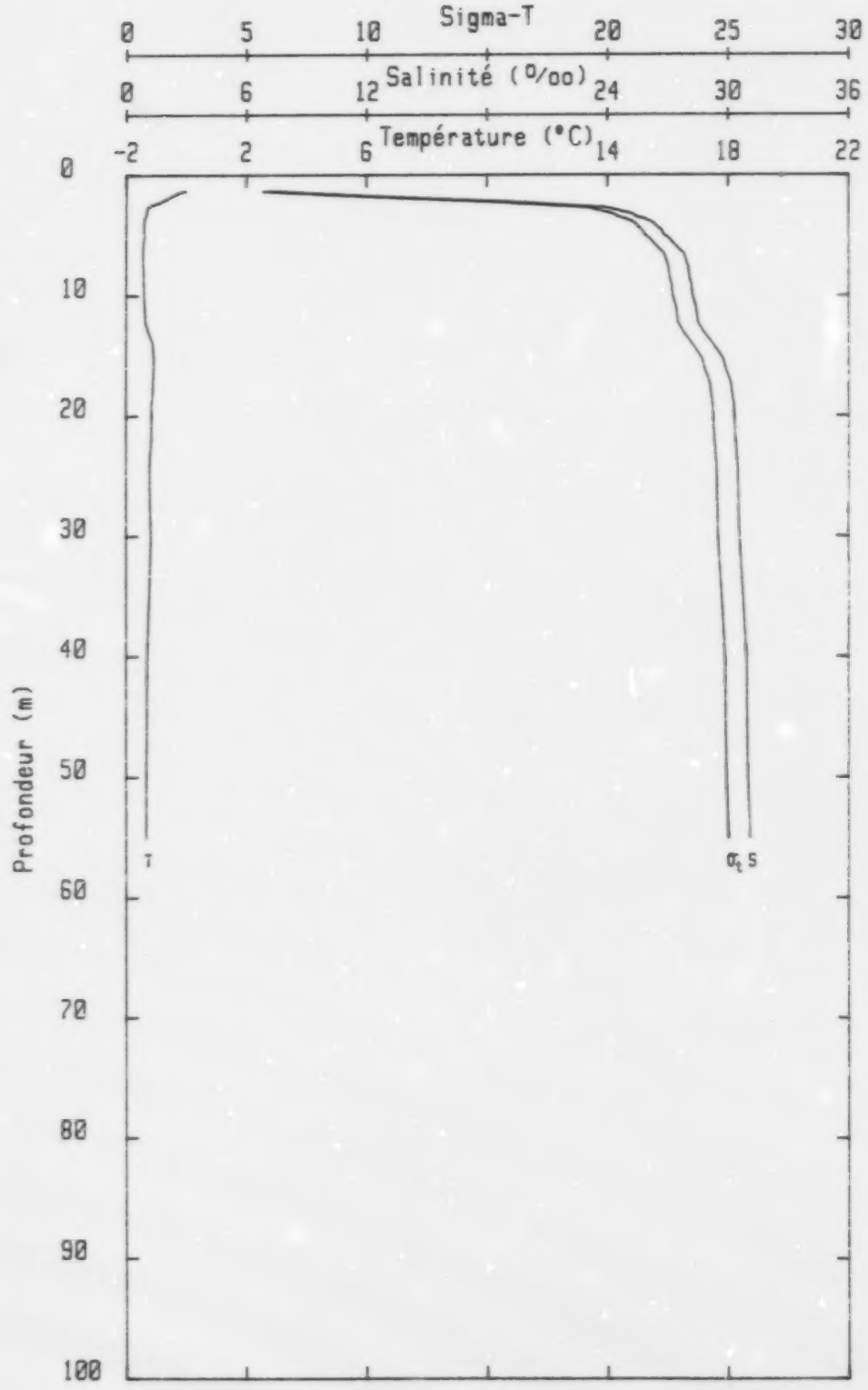


Station	29 5 78	Heure (Gmt)	23h11
Latitude	55°16.7	Date	10-05-1982
Longitude	77°48.9		
Profondeur totale (m)	30.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.33	-.020	.003	-.13	1402.4
1.58	-.022	.004	-.13	1402.4
2.05	-.922	.004	-.13	1402.4
2.50	-.021	.004	-.13	1402.4
3.00	-.026	.008	-.13	1402.4
3.58	-.026	.011	-.13	1402.4
4.05	-.027	.012	-.12	1402.4
4.51	-.044	.086	-.06	1402.4
5.01	-.872	3.820	2.93	1403.1
5.48	-1.173	4.002	3.06	1401.9
5.94	-1.322	16.363	13.09	1417.5
6.03	-1.336	23.500	18.87	1427.2
7.01	-1.360	26.664	21.43	1431.5
8.05	-1.349	27.176	21.85	1432.2
9.00	-1.351	27.262	21.92	1432.4
10.05	-1.323	27.606	22.19	1433.0
11.00	-1.290	27.732	22.30	1433.3
12.09	-1.161	28.998	23.32	1435.7
13.00	-1.209	29.427	23.67	1436.1
14.08	-1.322	29.607	23.82	1435.8
15.05	-1.398	29.686	23.88	1435.6
16.10	-1.452	29.758	23.94	1435.5
17.14	-1.458	29.876	24.04	1435.6
18.01	-1.441	29.963	24.11	1435.8
19.09	-1.441	30.011	24.15	1435.9
20.05	-1.471	30.085	24.21	1435.9
21.05	-1.481	30.173	24.28	1436.0
22.08	-1.484	30.213	24.31	1436.1
23.03	-1.493	30.242	24.33	1436.1
24.13	-1.493	30.277	24.36	1436.1
25.00	-1.501	30.304	24.38	1436.1
26.06	-1.505	30.390	24.45	1436.3
27.05	-1.504	30.411	24.47	1436.3
28.03	-1.503	30.426	24.48	1436.4

Station 290 1 79 Heure (Gmt) 16h20

Prof. totale (m) 65 Date 11-05-1982

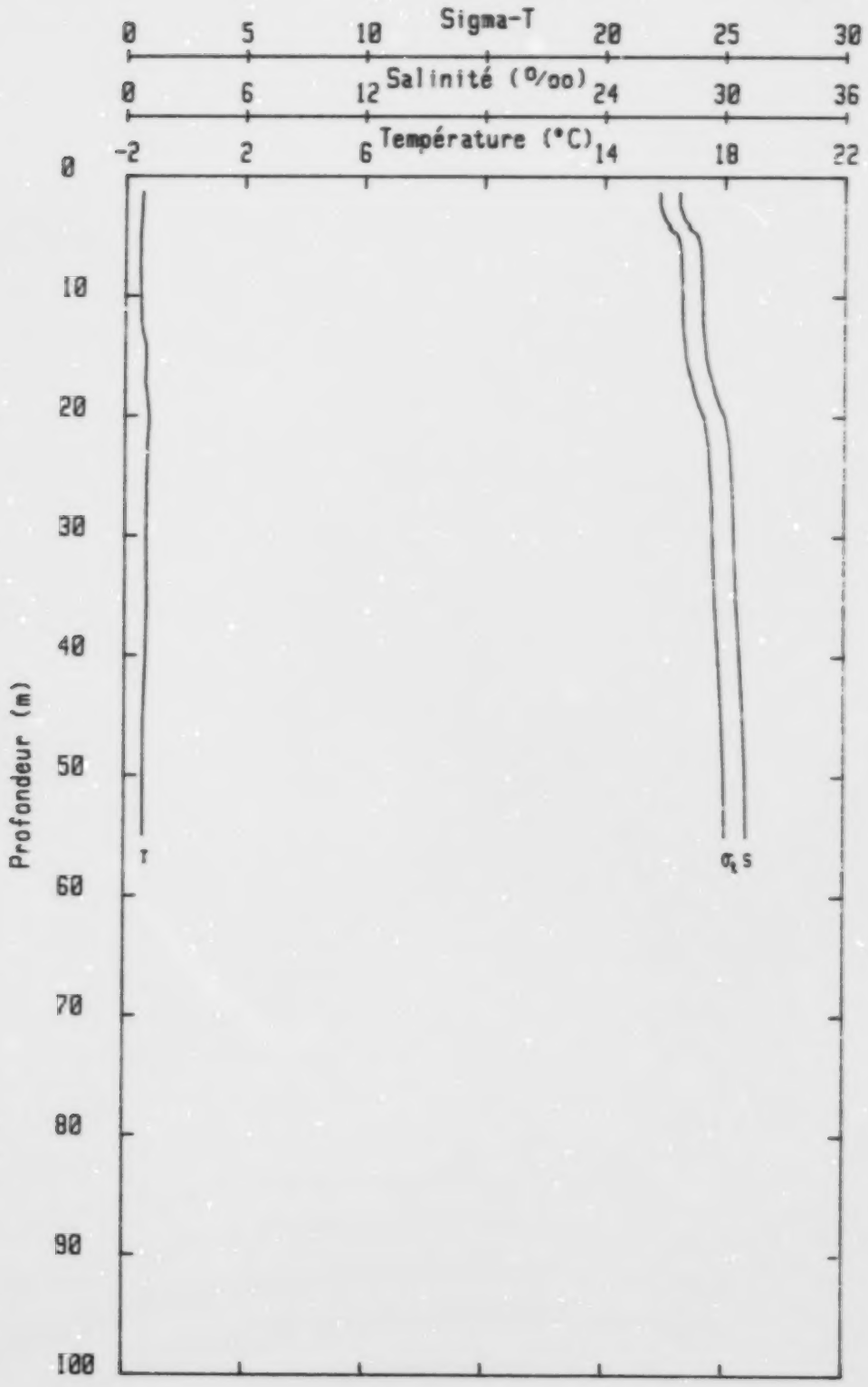


Station	290 1 79	Heure (Gmt)	16h20
Latitude	55°54.5	Date	11-05-1982
Longitude	76°54.3		
Profondeur totale (m)	65.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.35	-.020	7.170	5.69	1411.6
1.39	-.185	7.913	6.29	1411.8
1.43	-.227	8.094	6.43	1411.8
1.61	-.369	10.198	8.13	1413.9
1.80	-.530	12.618	10.08	1416.3
2.03	-.691	15.772	12.62	1419.8
2.28	-.907	19.414	15.56	1423.6
2.50	-1.163	21.534	17.28	1425.3
2.73	-1.288	23.877	19.17	1427.9
2.94	-1.313	24.445	19.63	1428.6
3.00	-1.309	24.597	19.76	1428.8
3.25	-1.326	25.221	20.26	1429.6
3.49	-1.376	25.443	20.44	1429.6
3.65	-1.392	25.821	20.75	1430.1
3.91	-1.407	26.178	21.04	1430.5
4.05	-1.410	26.341	21.17	1430.7
4.21	-1.411	26.413	21.23	1430.8
4.71	-1.414	26.730	21.48	1431.3
4.98	-1.393	26.789	21.53	1431.4
5.19	-1.393	26.960	21.67	1431.7
5.25	-1.414	27.039	21.74	1431.7
5.53	-1.428	27.190	21.86	1431.8
6.31	-1.452	27.642	22.22	1432.4
6.53	-1.447	27.800	22.35	1432.6
7.04	-1.443	27.907	22.44	1432.8
7.70	-1.430	28.028	22.54	1433.0
8.00	-1.427	28.040	22.55	1433.1
8.68	-1.420	28.103	22.60	1433.2
9.11	-1.411	28.186	22.66	1433.4
9.68	-1.407	28.217	22.69	1433.4
10.10	-1.404	28.255	22.72	1433.5
11.00	-1.379	28.412	22.85	1433.9
12.25	-1.353	28.510	22.93	1434.1
13.04	-1.255	28.775	23.14	1435.0
14.01	-1.111	29.227	23.50	1436.3
15.25	-1.077	29.750	23.93	1437.2
16.09	-1.082	29.881	24.03	1437.4
17.28	-1.107	30.145	24.25	1437.7
18.06	-1.114	30.195	24.29	1437.7
19.05	-1.157	30.285	24.36	1437.7
20.39	-1.155	30.325	24.40	1437.7
22.03	-1.163	30.379	24.44	1437.8
24.01	-1.222	30.475	24.52	1437.7
26.09	-1.216	30.507	24.54	1437.8
30.00	-1.177	30.552	24.58	1438.1
35.04	-1.234	30.743	24.74	1438.2
40.14	-1.306	30.923	24.88	1438.2
45.44	-1.310	30.945	24.90	1438.3
50.03	-1.323	30.987	24.93	1438.4
55.08	-1.341	31.100	25.03	1438.5

Station 292 1 80 Heure (Gmt) 17h00

Prof. totale (m) 65 Date 11-05-1982

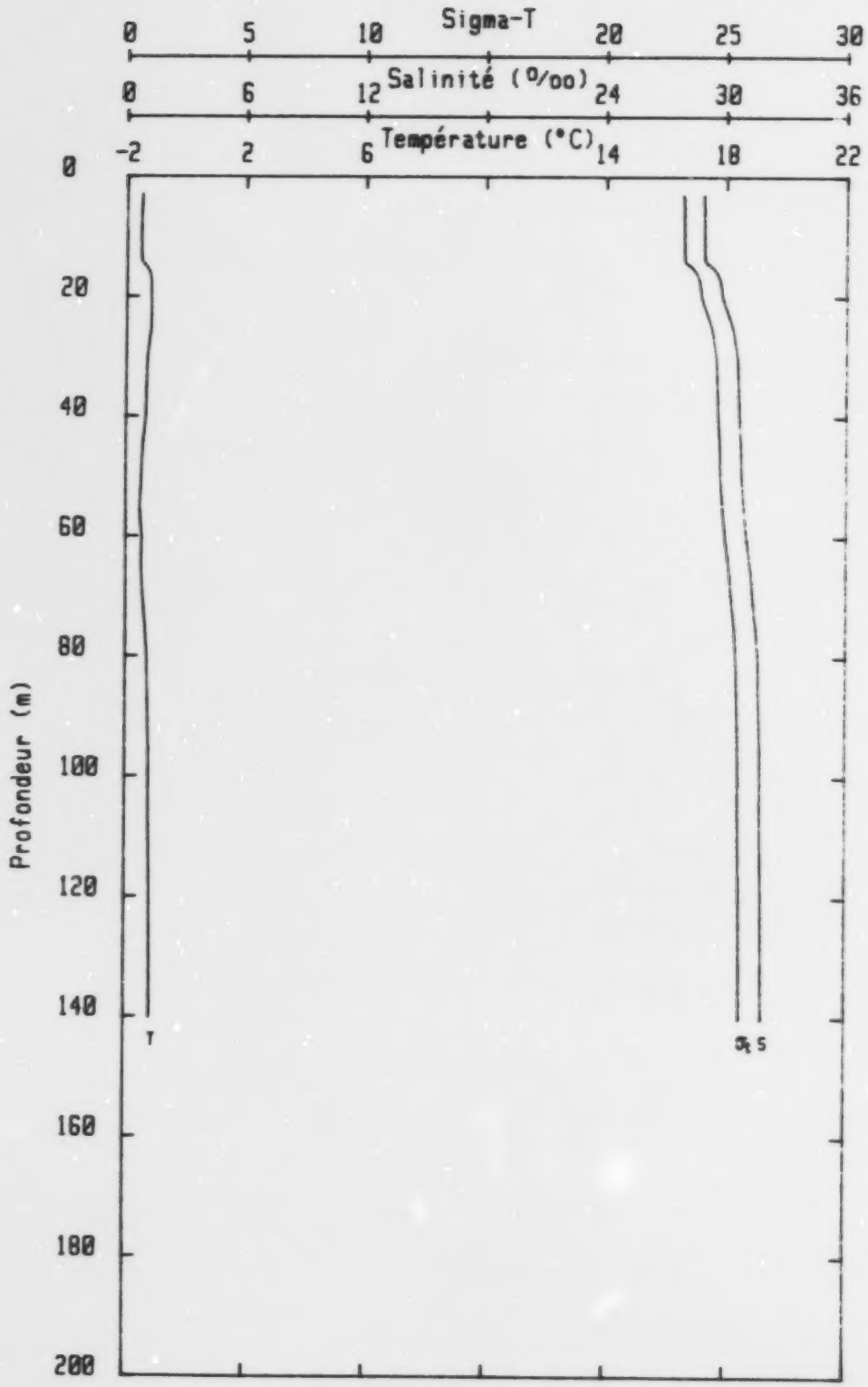


Station	292	1 88	Heure (Gmt)	17h00
Latitude		55°56.8	Date	11-05-1982
Longitude		76°57.8		
Profondeur totale (m)		65.8		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.33	-1.436	27.730	22.30	1432.5
1.40	-1.437	27.719	22.29	1432.5
1.60	-1.433	27.719	22.29	1432.5
1.80	-1.454	27.730	22.30	1432.4
2.05	-1.448	27.715	22.28	1432.4
2.25	-1.461	27.724	22.29	1432.4
2.51	-1.461	27.760	22.32	1432.4
2.75	-1.462	27.802	22.35	1432.5
2.89	-1.461	27.835	22.38	1432.5
3.08	-1.463	27.867	22.41	1432.6
3.24	-1.465	27.915	22.45	1432.6
3.40	-1.471	27.941	22.47	1432.6
3.75	-1.481	28.056	22.56	1432.8
3.95	-1.487	28.183	22.66	1432.9
4.16	-1.491	28.248	22.72	1433.0
4.20	-1.487	28.157	22.64	1432.9
4.43	-1.502	28.282	22.74	1433.0
4.76	-1.510	28.576	22.98	1433.4
4.88	-1.511	28.600	23.00	1433.4
5.06	-1.512	28.655	23.05	1433.5
5.61	-1.510	28.744	23.12	1433.6
6.10	-1.507	28.792	23.16	1433.7
6.60	-1.514	28.814	23.18	1433.7
7.14	-1.512	28.831	23.19	1433.7
7.69	-1.511	28.844	23.20	1433.8
8.09	-1.509	28.849	23.20	1433.8
8.70	-1.498	28.865	23.22	1433.9
9.35	-1.494	28.875	23.23	1433.9
9.54	-1.490	28.879	23.23	1434.0
10.18	-1.483	28.883	23.23	1434.0
11.18	-1.467	28.897	23.24	1434.1
12.14	-1.460	28.909	23.25	1434.2
13.13	-1.404	28.963	23.30	1434.5
14.08	-1.308	29.041	23.36	1435.1
15.03	-1.294	29.082	23.39	1435.3
16.06	-1.307	29.213	23.50	1435.4
17.20	-1.326	29.421	23.67	1435.6
18.08	-1.267	29.539	23.76	1436.1
19.15	-1.225	29.776	23.95	1436.6
20.04	-1.188	30.023	24.15	1437.2
22.38	-1.250	30.254	24.34	1437.2
24.38	-1.261	30.326	24.40	1437.3
26.08	-1.276	30.404	24.46	1437.4
30.09	-1.290	30.478	24.52	1437.5
35.15	-1.264	30.598	24.62	1437.8
40.04	-1.304	30.791	24.78	1438.0
45.31	-1.380	30.974	24.93	1438.0
50.06	-1.362	31.092	25.02	1438.2
55.03	-1.372	31.145	25.06	1438.4

Station 293 1 81 Heure (Gmt) 17h30

Prof. totale (m) 160 Date 11-05-1982

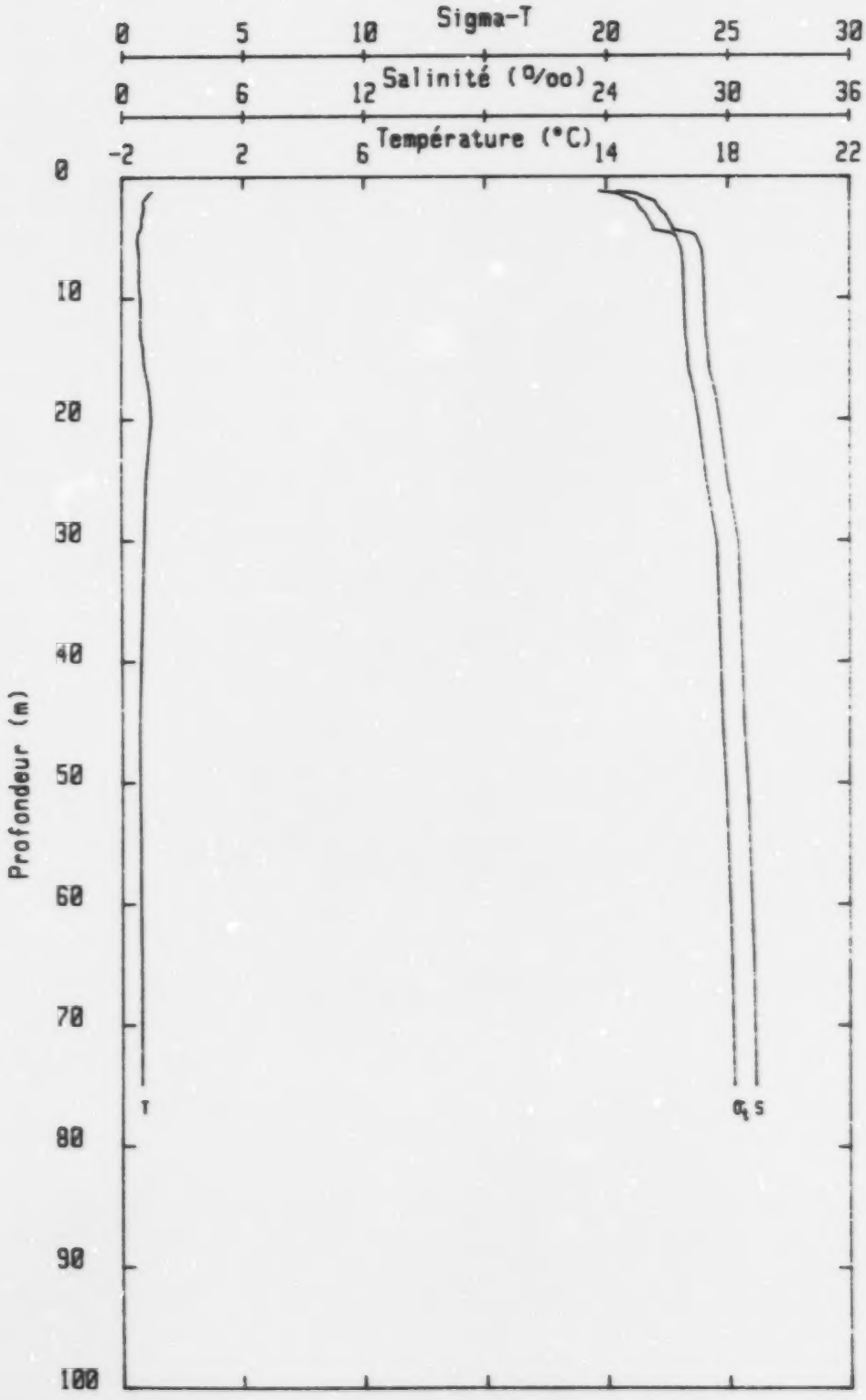


Station	293	1	81	Heure (Gmt)	17h30
Latitude		55°58.5		Date	11-05-1982
Longitude		77° 2.3			
Profondeur totale (m)		160.0			

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
3.00	-1.492	28.852	23.21	1433.8
3.53	-1.496	28.857	23.21	1433.8
4.01	-1.494	28.858	23.21	1433.8
4.51	-1.502	28.863	23.22	1433.8
5.01	-1.512	28.867	23.22	1433.8
5.60	-1.516	28.870	23.22	1433.8
6.10	-1.517	28.873	23.22	1433.8
6.55	-1.520	28.875	23.23	1433.8
7.01	-1.520	28.876	23.23	1433.8
7.51	-1.519	28.877	23.23	1433.8
8.14	-1.524	28.882	23.23	1433.8
8.54	-1.524	28.884	23.23	1433.8
9.06	-1.523	28.886	23.23	1433.8
9.63	-1.526	28.892	23.24	1433.8
10.10	-1.526	28.892	23.24	1433.8
11.00	-1.526	28.895	23.24	1433.8
12.13	-1.525	28.901	23.25	1433.9
13.11	-1.514	28.907	23.25	1433.9
13.46	-1.511	28.917	23.26	1434.0
13.64	-1.506	28.916	23.26	1434.0
14.15	-1.494	28.955	23.29	1434.1
15.15	-1.337	29.332	23.59	1435.4
16.15	-1.219	29.559	23.77	1436.3
17.34	-1.187	29.682	23.87	1436.6
18.13	-1.180	29.720	23.91	1436.7
19.08	-1.175	29.761	23.94	1436.8
20.19	-1.171	29.803	23.97	1436.9
25.21	-1.175	30.339	24.41	1437.7
30.08	-1.297	30.566	24.59	1437.6
35.44	-1.324	30.628	24.64	1437.6
40.03	-1.343	30.665	24.67	1437.6
45.04	-1.439	30.752	24.75	1437.4
50.09	-1.479	30.788	24.78	1437.3
55.29	-1.527	30.902	24.87	1437.4
60.08	-1.453	31.033	24.98	1438.0
65.05	-1.477	31.230	25.14	1438.2
70.24	-1.415	31.362	25.24	1438.8
75.20	-1.334	31.533	25.38	1439.5
80.03	-1.273	31.634	25.46	1440.0
85.56	-1.253	31.668	25.49	1440.2
90.18	-1.230	31.707	25.52	1440.5
95.10	-1.206	31.748	25.55	1440.7
100.28	-1.201	31.762	25.56	1440.8
105.09	-1.198	31.765	25.56	1440.9
120.10	-1.154	31.820	25.61	1441.5
130.33	-1.138	31.844	25.63	1441.7
140.28	-1.135	31.851	25.63	1441.9

Station 291 1 82 Heure (Gmt) 18h55

Prof. totale (m) 80 Date 11-05-1982

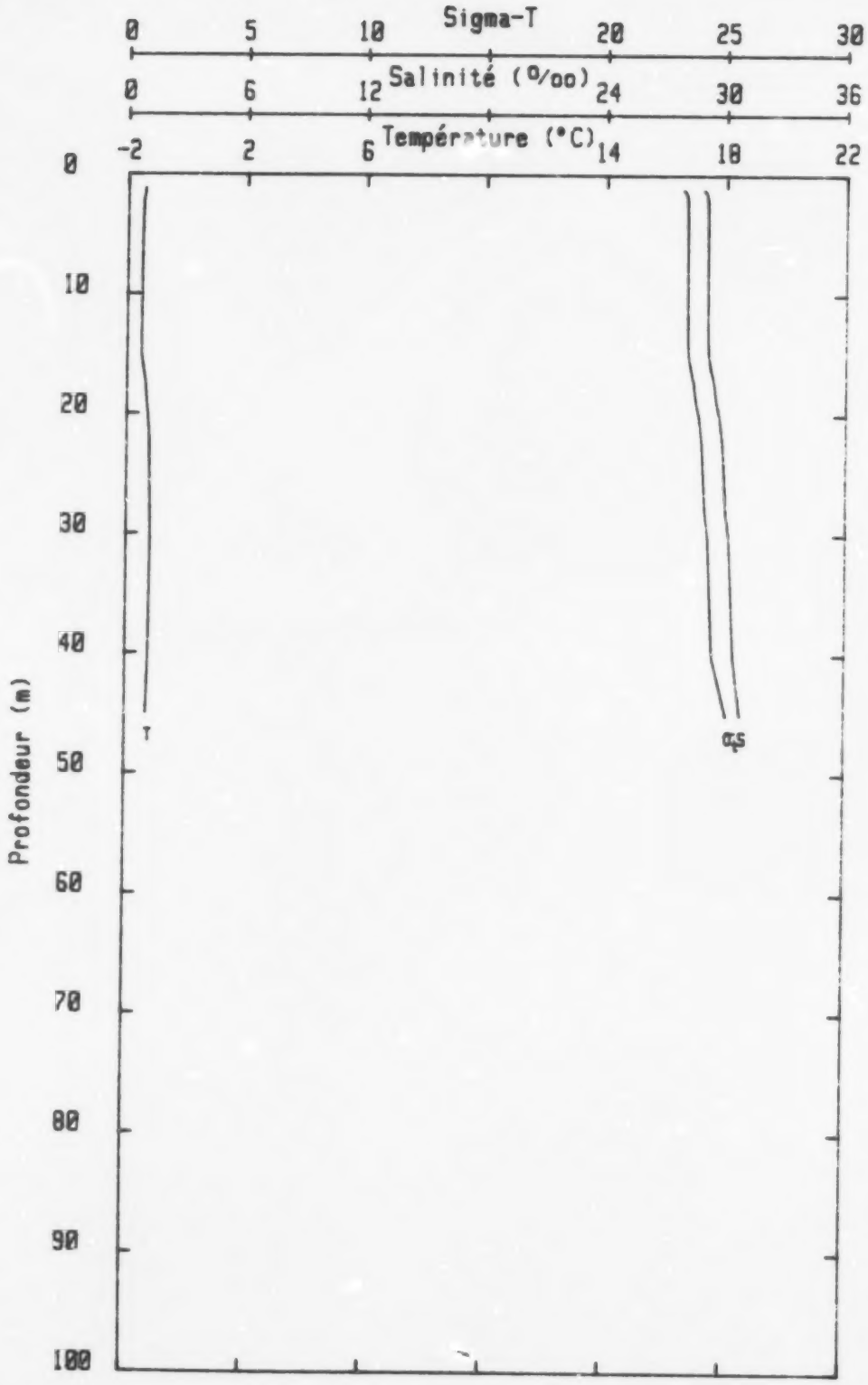


Station	291 1 82	Heure (Gmt)	18h55
Latitude	55°55.3	Date	11-05-1982
Longitude	76°56.4		
Profondeur totale (m)	80.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.002	24.542	19.71	1430.1
1.40	-1.113	25.502	20.49	1430.9
1.63	-1.171	25.756	20.69	1431.0
1.84	-1.234	26.087	20.96	1431.2
2.01	-1.289	26.393	21.21	1431.3
2.23	-1.284	26.463	21.27	1431.5
2.44	-1.266	26.532	21.32	1431.6
2.66	-1.286	26.642	21.41	1431.7
2.83	-1.276	26.714	21.47	1431.9
3.03	-1.311	26.876	21.60	1431.9
3.24	-1.332	26.969	21.68	1432.0
3.43	-1.349	26.993	21.70	1431.9
3.66	-1.348	27.103	21.79	1432.1
3.84	-1.346	27.144	21.82	1432.1
4.03	-1.358	27.226	21.89	1432.2
4.20	-1.374	27.284	21.93	1432.2
4.40	-1.397	27.255	21.91	1432.1
4.65	-1.458	28.141	22.63	1433.0
4.89	-1.469	28.356	22.80	1433.2
5.04	-1.481	28.470	22.90	1433.4
5.51	-1.473	28.587	22.99	1433.6
6.01	-1.441	28.709	23.09	1433.9
6.53	-1.433	28.742	23.12	1434.0
7.06	-1.424	28.766	23.14	1434.1
7.59	-1.428	28.798	23.16	1434.1
8.10	-1.421	28.801	23.16	1434.2
8.55	-1.420	28.812	23.17	1434.2
9.10	-1.416	28.817	23.18	1434.2
9.53	-1.388	28.833	23.19	1434.4
10.10	-1.368	28.850	23.20	1434.5
11.08	-1.366	28.861	23.21	1434.5
12.09	-1.369	28.891	23.24	1434.6
13.11	-1.372	28.917	23.26	1434.6
14.13	-1.284	29.010	23.33	1435.2
15.19	-1.262	29.035	23.35	1435.4
16.03	-1.217	29.096	23.40	1435.7
17.03	-1.118	29.255	23.53	1436.4
18.03	-1.064	29.389	23.63	1436.8
19.15	-1.024	29.496	23.72	1437.2
20.10	-1.012	29.593	23.80	1437.4
25.11	-1.194	29.970	24.11	1437.1
30.11	-1.253	30.500	24.54	1437.7
40.05	-1.372	30.697	24.70	1437.6
45.26	-1.419	30.798	24.78	1437.6
50.10	-1.405	30.965	24.92	1437.9
55.14	-1.382	31.069	25.00	1438.3
60.13	-1.376	31.173	25.09	1438.5
65.11	-1.357	31.253	25.15	1438.8
75.00	-1.350	31.350	25.23	1439.1

Station 294 1 83 Heure (Gmt) 19h37

Prof. totale (m) 50 Date 11-05-1982

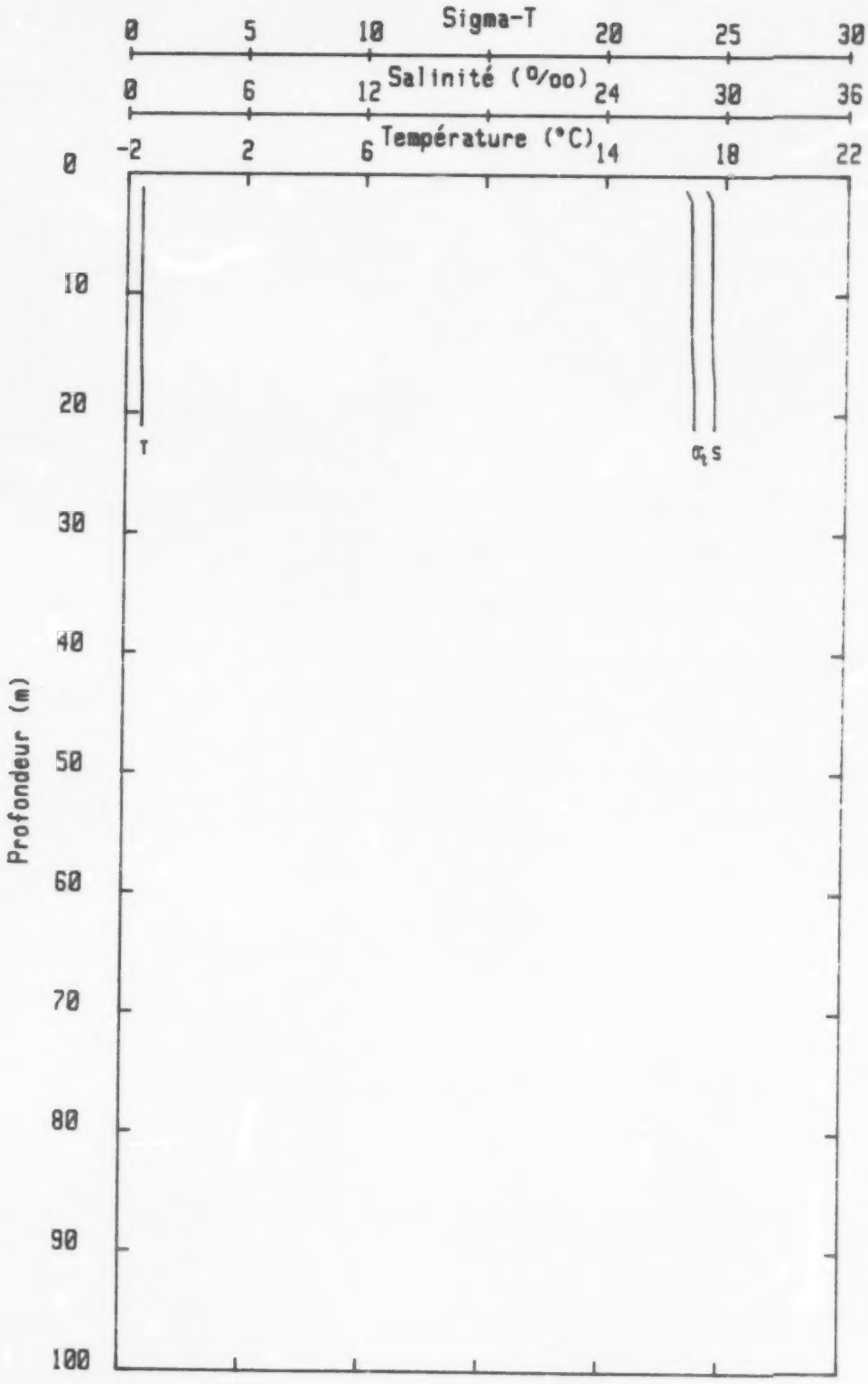


Station	294	1	83	Heure (Gmt)	19h37
Latitude		56°	6.1	Date	11-05-1982
Longitude		77°	17.9		
Profondeur totale (m)			50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.425	28.844	23.20	1434.1
1.40	-1.425	28.946	23.28	1434.2
1.60	-1.435	28.998	23.32	1434.3
1.85	-1.456	29.028	23.35	1434.2
2.08	-1.468	29.038	23.36	1434.2
2.28	-1.480	29.048	23.36	1434.1
2.41	-1.480	29.048	23.37	1434.1
2.70	-1.480	29.050	23.37	1434.1
2.83	-1.483	29.052	23.37	1434.1
3.00	-1.487	29.053	23.37	1434.1
3.21	-1.486	29.054	23.37	1434.1
3.41	-1.490	29.058	23.37	1434.1
3.60	-1.494	29.062	23.38	1434.1
3.81	-1.493	29.062	23.38	1434.1
4.11	-1.495	29.063	23.38	1434.1
4.26	-1.495	29.062	23.38	1434.1
4.41	-1.495	29.062	23.38	1434.1
4.64	-1.497	29.064	23.38	1434.1
4.83	-1.499	29.065	23.38	1434.1
5.09	-1.500	29.063	23.38	1434.1
5.55	-1.504	29.063	23.38	1434.1
6.04	-1.504	29.067	23.38	1434.1
6.58	-1.506	29.067	23.38	1434.1
7.03	-1.508	29.069	23.38	1434.1
7.56	-1.508	29.070	23.38	1434.1
8.03	-1.511	29.072	23.39	1434.1
8.53	-1.513	29.075	23.39	1434.1
9.06	-1.515	29.076	23.39	1434.1
9.54	-1.516	29.076	23.39	1434.1
10.05	-1.516	29.078	23.39	1434.1
11.08	-1.520	29.083	23.39	1434.1
12.04	-1.519	29.087	23.40	1434.1
13.06	-1.520	29.094	23.40	1434.2
14.09	-1.517	29.109	23.42	1434.2
15.06	-1.510	29.132	23.43	1434.3
16.13	-1.450	29.244	23.52	1434.8
17.31	-1.374	29.411	23.66	1435.4
18.15	-1.348	29.460	23.70	1435.6
19.18	-1.321	29.557	23.78	1435.9
20.09	-1.279	29.678	23.87	1436.2
22.25	-1.226	29.832	24.00	1436.7
24.04	-1.228	29.891	24.04	1436.9
26.05	-1.198	30.023	24.15	1437.2
30.16	-1.188	30.184	24.28	1437.5
35.19	-1.205	30.317	24.39	1437.7
40.09	-1.223	30.446	24.49	1437.9
45.06	-1.287	30.806	25.09	-9.0

Station 295 1 84 Heure (Gmt) 20h10

Prof. totale (m) 22 Date 11-05-1982

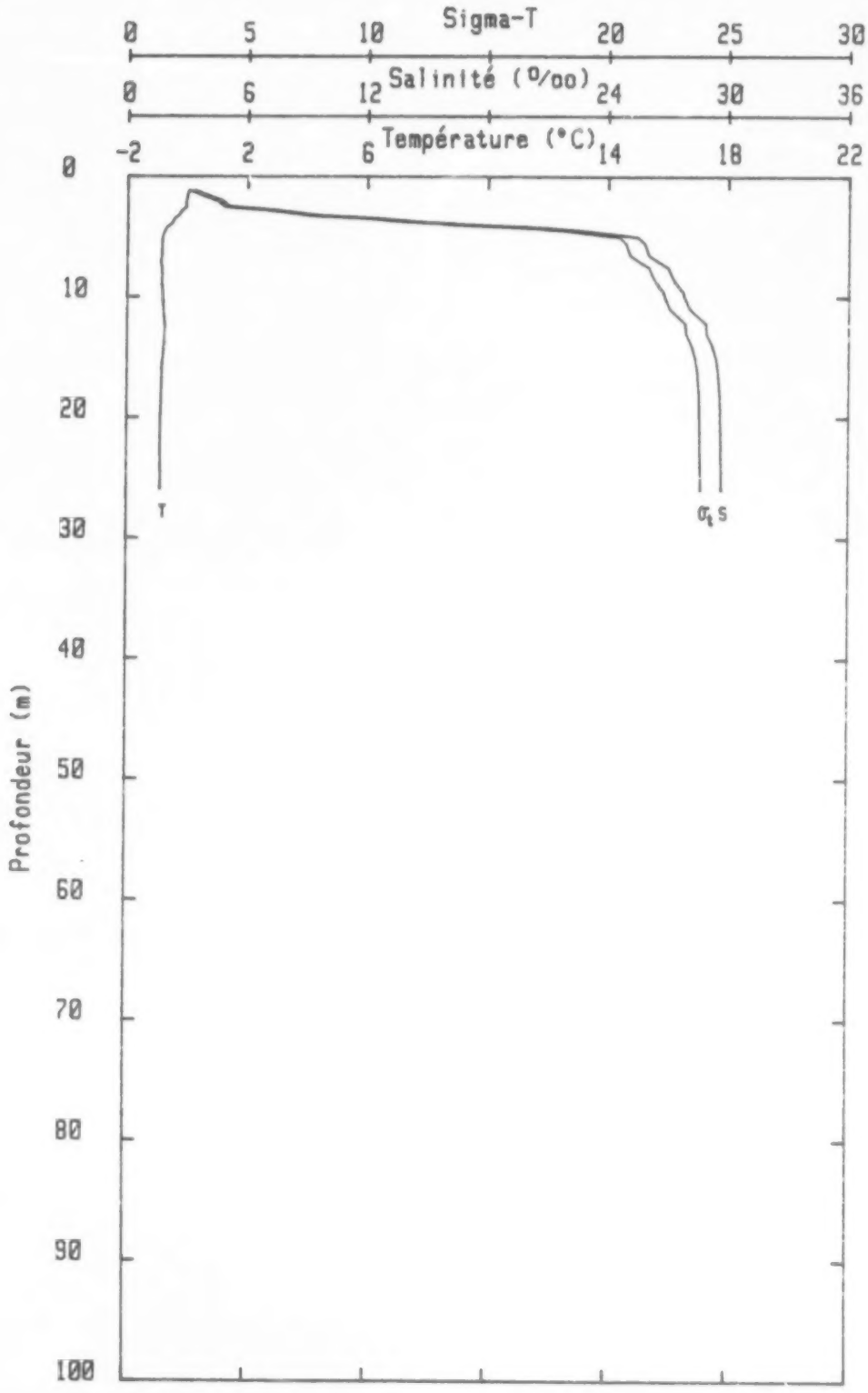


Station	295 I 84	Heure (Gmt)	20h10
Latitude	56°14.6	Date	11-05-1982
Longitude	77°34.5		
Profondeur totale (m)	22.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	-1.505	29.035	23.35	1434.0
2.08	-1.508	29.310	23.58	1434.4
3.09	-1.507	29.323	23.59	1434.4
4.10	-1.502	29.342	23.60	1434.5
5.05	-1.501	29.346	23.61	1434.5
6.01	-1.499	29.351	23.61	1434.5
7.25	-1.498	29.358	23.62	1434.5
8.00	-1.498	29.361	23.62	1434.6
9.00	-1.498	29.363	23.62	1434.6
10.11	-1.499	29.366	23.62	1434.6
11.11	-1.499	29.366	23.62	1434.6
12.06	-1.499	29.369	23.63	1434.6
13.11	-1.498	29.375	23.63	1434.7
14.20	-1.493	29.398	23.65	1434.7
15.18	-1.484	29.430	23.68	1434.8
16.08	-1.477	29.458	23.70	1434.9
17.05	-1.456	29.518	23.75	1435.1
18.03	-1.455	29.527	23.75	1435.2
19.14	-1.454	29.529	23.76	1435.2
20.04	-1.453	29.529	23.76	1435.2
21.14	-1.453	29.530	23.76	1435.2

Station 203 2 85 Heure (Gmt) 16h10

Prof. totale (m) 27 Date 12-05-1982

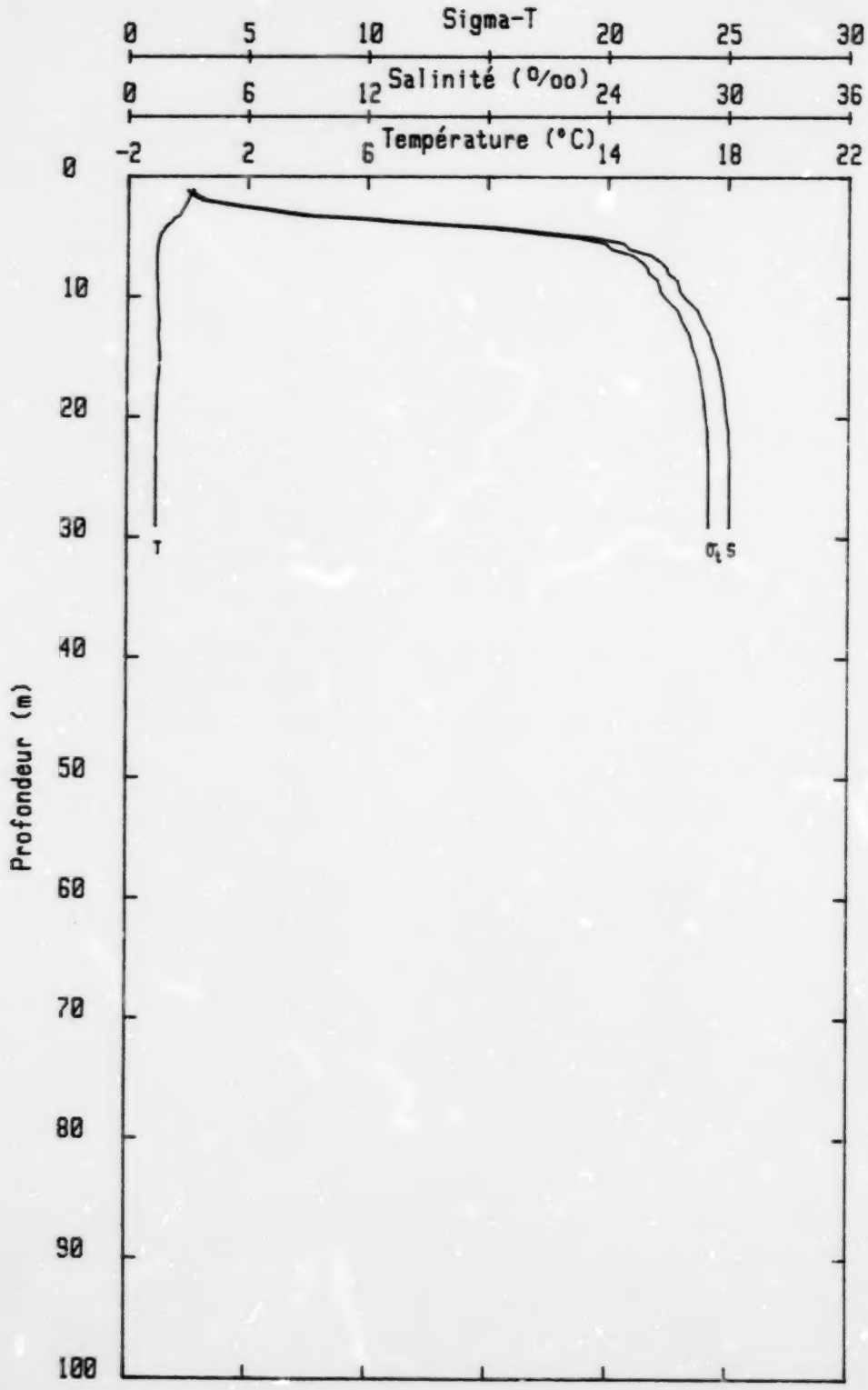


Station	203 2 85	Heure (Gmt)	16h10
Latitude	55°39.6	Date	12-05-1982
Longitude	77°11.0		
Profondeur totale (m)	27.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	.037	3.384	2.63	1407.0
1.51	-.013	3.842	3.00	1407.3
2.06	-.063	4.748	3.73	1408.3
2.54	-.047	5.118	4.03	1408.8
2.80	-.169	7.205	5.72	1411.0
3.00	-.233	8.345	6.64	1412.2
3.25	-.304	9.444	7.52	1413.3
3.50	-.429	12.496	9.98	1416.7
3.75	-.485	14.345	11.47	1418.9
4.01	-.568	17.241	13.81	1422.4
4.26	-.705	20.852	16.73	1426.6
4.51	-.757	22.826	18.32	1429.0
5.01	-.835	25.456	20.45	1432.3
5.51	-.847	25.805	20.73	1432.7
6.03	-.850	25.924	20.83	1432.9
6.55	-.850	26.041	20.92	1433.0
7.01	-.883	26.471	21.27	1433.5
7.55	-.845	26.996	21.69	1434.4
8.05	-.838	27.127	21.80	1434.6
8.50	-.843	27.273	21.92	1434.8
9.13	-.835	27.524	22.12	1435.2
9.53	-.821	27.731	22.29	1435.5
10.11	-.809	27.856	22.39	1435.8
11.00	-.792	28.101	22.59	1436.2
12.18	-.740	28.887	23.22	1437.6
13.08	-.743	28.940	23.26	1437.6
14.04	-.772	29.219	23.49	1437.9
15.09	-.812	29.408	23.64	1438.0
16.05	-.835	29.499	23.72	1438.0
17.01	-.841	29.553	23.76	1438.1
18.05	-.849	29.606	23.81	1438.1
19.06	-.857	29.623	23.82	1438.1
20.05	-.864	29.633	23.83	1438.1
21.15	-.869	29.653	23.84	1438.2
22.04	-.870	29.660	23.85	1438.2
23.01	-.869	29.664	23.85	1438.2
24.00	-.865	29.678	23.86	1438.3
25.01	-.862	29.689	23.87	1438.3
26.00	-.864	29.691	23.87	1438.3

Station 201 2 86 Heure (Gmt) 16h45

Prof. totale (m) 30 Date 12-05-1982

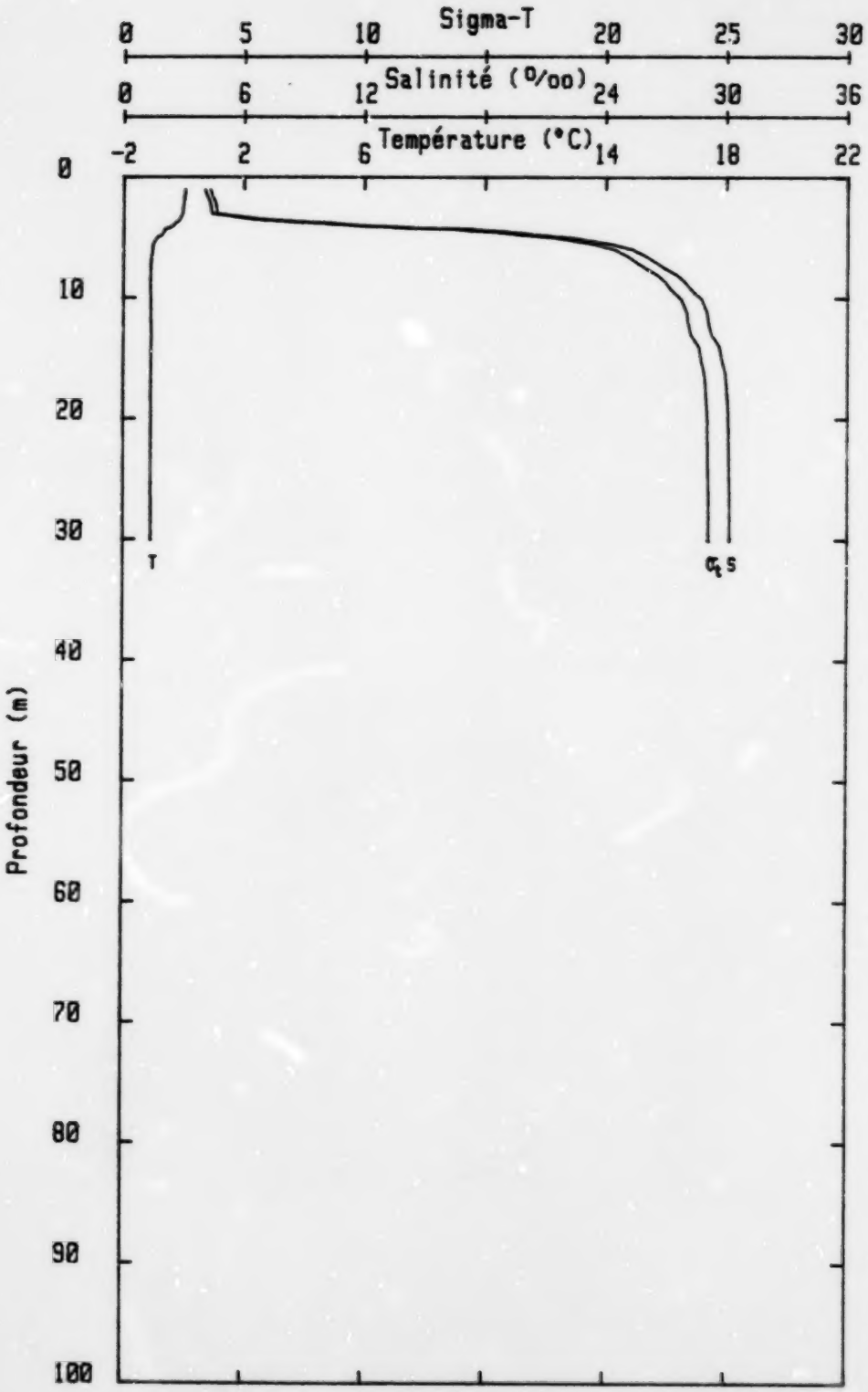


Station	201 2 86	Heure (Gmt)	16h45
Latitude	55°34.4	Date	12-05-1982
Longitude	77°17.4		
Profondeur totale (m)	30.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.18	.199	3.205	2.49	1407.6
1.51	.076	3.396	2.64	1407.2
2.00	-.007	3.936	3.08	1407.5
2.51	-.109	5.844	4.62	1409.5
2.76	-.178	7.084	5.62	1410.8
3.00	-.229	8.019	6.37	1411.7
3.29	-.302	9.321	7.42	1413.1
3.50	-.470	11.878	9.48	1415.7
3.78	-.552	13.820	11.05	1417.8
4.06	-.681	16.711	13.38	1421.1
4.25	-.764	18.610	14.92	1423.3
4.50	-.812	20.145	16.15	1425.1
4.75	-.898	21.412	17.18	1426.4
5.03	-.940	23.201	18.63	1428.7
5.51	-.988	24.764	19.89	1430.6
6.00	-1.017	25.053	20.12	1430.9
6.51	-1.031	26.149	21.01	1432.3
7.13	-1.035	26.679	21.44	1433.0
7.54	-1.025	26.911	21.63	1433.4
8.00	-1.029	26.986	21.69	1433.5
8.55	-1.018	27.433	22.05	1434.2
9.04	-1.000	27.515	22.12	1434.4
9.51	-1.000	27.581	22.17	1434.5
10.01	-1.004	27.807	22.35	1434.8
11.08	-.977	28.473	22.89	1435.9
12.01	-.946	28.704	23.08	1436.3
13.13	-.978	29.089	23.39	1436.7
14.13	-.936	29.228	23.50	1437.1
15.00	-.921	29.439	23.67	1437.5
16.06	-.945	29.598	23.80	1437.6
17.03	-.981	29.689	23.88	1437.6
18.01	-1.008	29.791	23.96	1437.7
19.06	-1.017	29.854	24.01	1437.7
20.06	-1.027	29.915	24.06	1437.8
21.03	-1.037	30.012	24.14	1437.9
22.03	-1.036	30.022	24.15	1437.9
23.00	-1.041	30.064	24.18	1438.0
24.05	-1.042	30.068	24.18	1438.0
25.00	-1.041	30.069	24.18	1438.0
26.04	-1.041	30.070	24.19	1438.0
27.05	-1.042	30.074	24.19	1438.0
28.11	-1.040	30.073	24.19	1438.1
29.09	-1.042	30.079	24.19	1438.1

Station 281 3 87 Heure (Gmt) 17h15

Prof. totale (m) 31 Date 12-05-1982

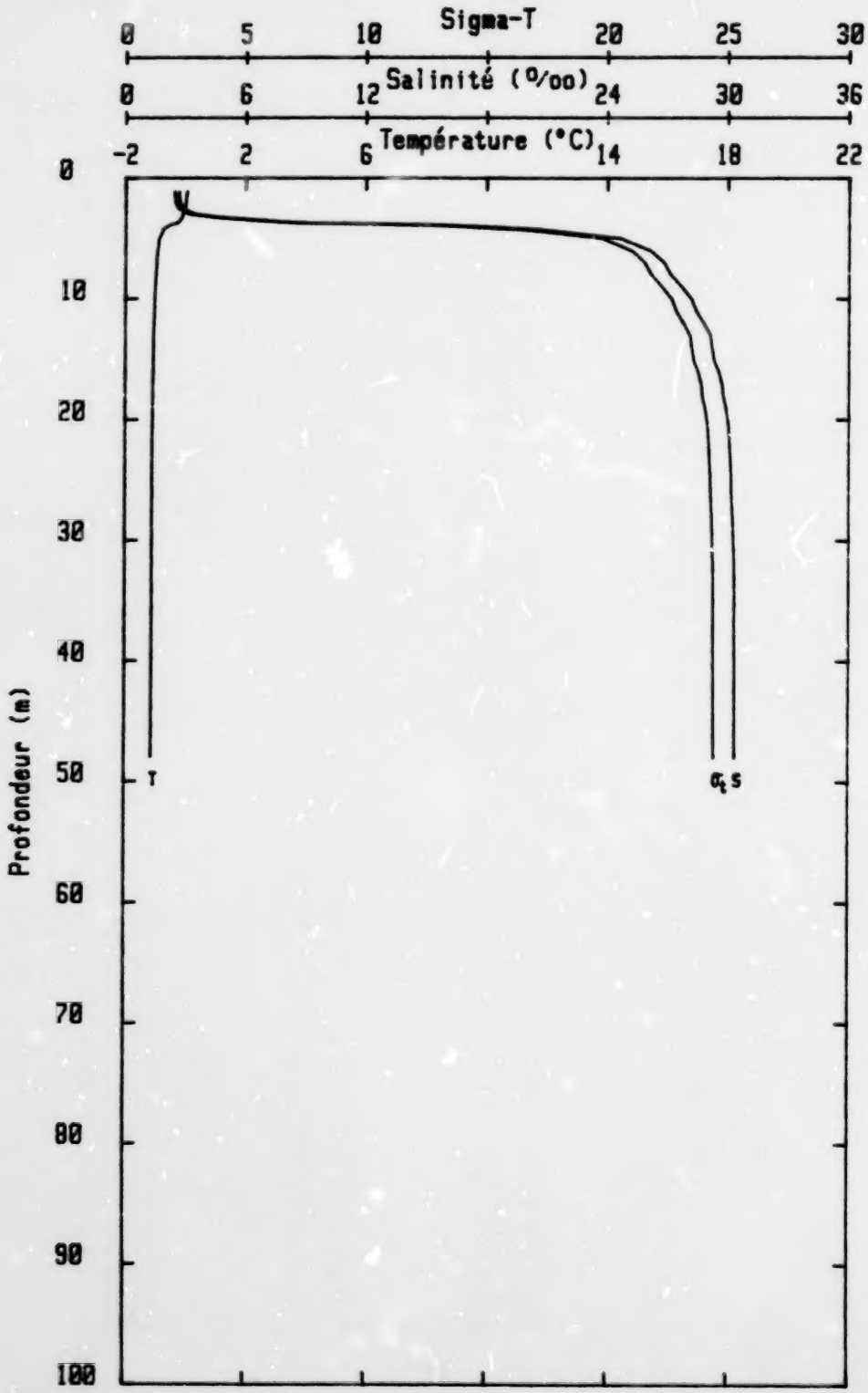


Station	281 3 87	Heure (Gmt)	17h15
Latitude	55°32.4	Date	12-05-1982
Longitude	77°21.5		
Profondeur totale (m)	31.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.09	.046	4.325	3.39	1408.3
1.51	.032	4.395	3.45	1408.3
2.01	-.001	4.544	3.57	1408.3
2.53	-.024	4.616	3.63	1408.3
3.05	-.043	4.651	3.65	1408.3
3.50	-.138	6.748	5.35	1410.5
3.61	-.173	7.852	6.24	1411.8
3.73	-.224	8.861	7.05	1412.9
3.83	-.285	10.313	8.22	1414.5
3.91	-.309	10.975	8.76	1415.3
4.06	-.358	12.354	9.87	1416.8
4.14	-.423	13.824	11.06	1418.5
4.23	-.486	14.492	11.59	1419.1
4.30	-.608	17.115	13.71	1422.0
4.41	-.638	17.703	14.18	1422.6
4.51	-.661	19.014	15.24	1424.3
4.76	-.713	20.413	16.37	1426.0
5.04	-.883	22.408	17.98	1427.9
5.56	-1.013	24.339	19.55	1429.9
6.00	-1.031	25.355	20.37	1431.2
6.50	-1.059	25.957	20.86	1431.9
7.01	-1.078	26.454	21.26	1432.5
7.54	-1.094	26.931	21.64	1433.1
8.06	-1.092	27.519	22.12	1433.9
8.59	-1.097	27.894	22.42	1434.4
9.09	-1.100	28.140	22.62	1434.8
9.55	-1.090	28.393	22.83	1435.2
10.06	-1.082	28.754	23.12	1435.7
11.14	-1.080	29.031	23.35	1436.1
12.01	-1.068	29.103	23.40	1436.3
13.03	-1.056	29.254	23.53	1436.6
14.01	-1.064	29.657	23.85	1437.1
15.06	-1.071	29.767	23.94	1437.3
16.10	-1.078	29.925	24.07	1437.5
17.00	-1.068	29.985	24.12	1437.6
18.10	-1.080	30.030	24.15	1437.6
19.04	-1.073	30.072	24.19	1437.8
20.04	-1.071	30.094	24.21	1437.8
21.06	-1.074	30.104	24.21	1437.8
22.19	-1.074	30.113	24.22	1437.9
23.06	-1.074	30.120	24.23	1437.9
24.06	-1.074	30.125	24.23	1437.9
25.00	-1.074	30.142	24.24	1437.9
26.03	-1.074	30.156	24.26	1438.0
27.11	-1.072	30.162	24.26	1438.0
28.05	-1.070	30.163	24.26	1438.0
29.00	-1.070	30.160	24.26	1438.1
30.11	-1.069	30.166	24.26	1438.1

Station 62 4 88 Heure (Gmt) 17h50

Prof. totale (m) 49 Date 12-05-1982

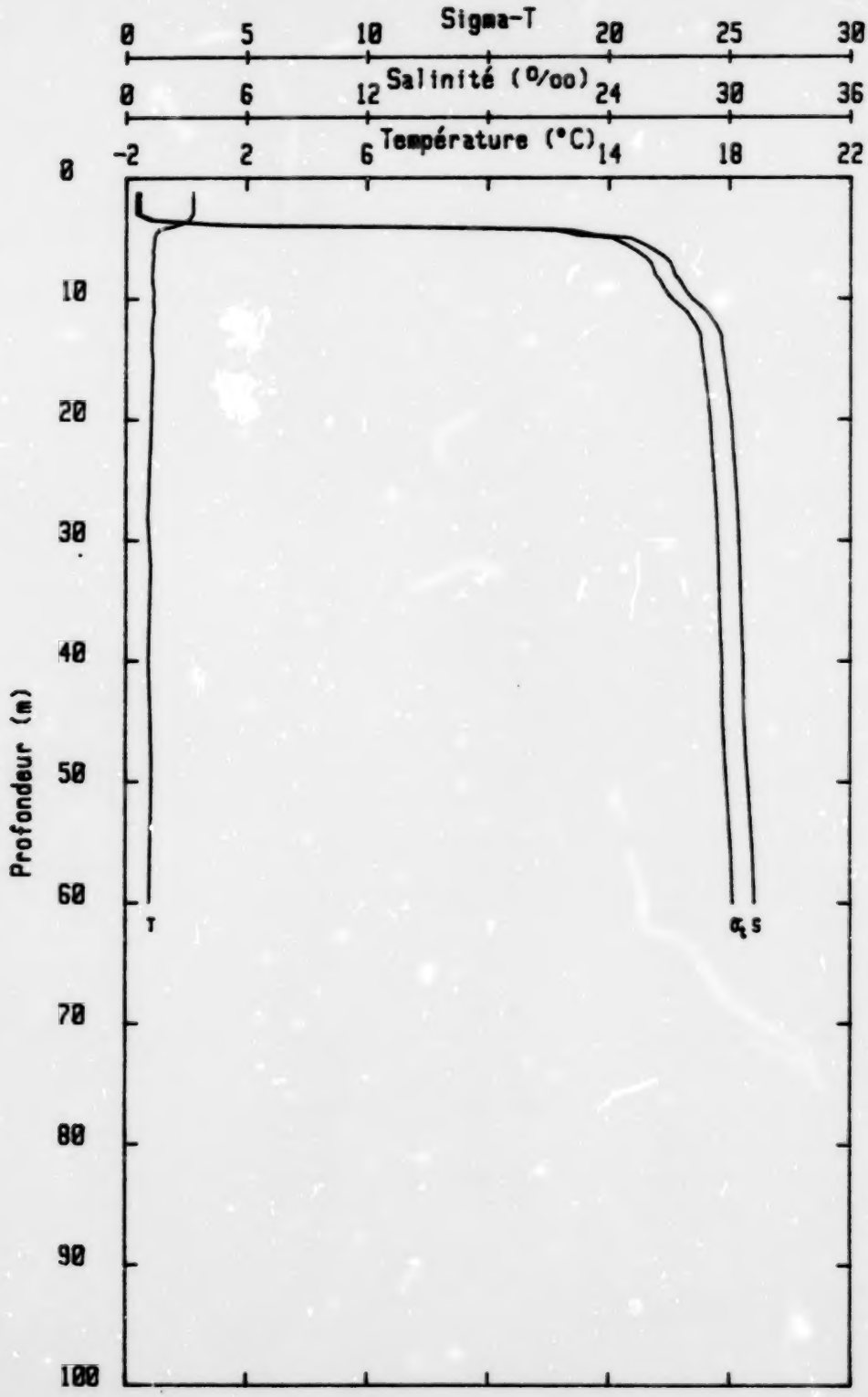


Station	62 4 88	Heure (Gmt)	17h50
Latitude	55°29.1	Date	12-05-1982
Longitude	77°28.1		
Profondeur totale (m)	49.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.16	.046	2.671	2.05	1406.1
1.50	.020	2.662	2.04	1406.0
2.01	.002	2.702	2.07	1406.0
2.50	-.038	2.839	2.18	1405.9
3.00	-.107	3.422	2.65	1406.4
3.25	-.123	4.580	3.59	1407.8
3.55	-.211	7.095	5.62	1410.6
3.63	-.235	7.695	6.11	1411.3
3.75	-.306	9.224	7.34	1413.0
3.81	-.434	12.389	9.90	1416.5
3.90	-.532	15.599	12.49	1420.3
4.01	-.605	17.457	13.99	1422.5
4.26	-.762	20.405	16.37	1425.7
4.53	-.784	22.023	17.67	1427.8
5.00	-.886	24.620	19.77	1430.9
6.04	-.938	26.152	21.01	1432.7
7.00	-.964	26.803	21.54	1433.5
8.00	-.980	27.142	21.81	1433.9
9.03	-1.004	27.694	22.26	1434.6
10.03	-1.027	28.186	22.66	1435.2
11.04	-1.032	28.422	22.85	1435.5
12.08	-1.046	28.809	23.16	1436.0
13.06	-1.056	29.140	23.43	1436.4
14.00	-1.060	29.206	23.49	1436.5
15.15	-1.064	29.325	23.58	1436.7
16.11	-1.072	29.561	23.77	1437.0
17.09	-1.079	29.715	23.90	1437.2
18.06	-1.080	29.765	23.94	1437.3
19.08	-1.087	29.908	24.06	1437.5
20.19	-1.091	30.012	24.14	1437.6
22.05	-1.096	30.098	24.21	1437.7
24.08	-1.098	30.158	24.26	1437.8
26.03	-1.100	30.190	24.28	1437.9
28.08	-1.103	30.253	24.34	1438.0
30.01	-1.105	30.286	24.36	1438.1
32.09	-1.107	30.334	24.40	1438.2
34.21	-1.106	30.343	24.41	1438.2
36.16	-1.106	30.346	24.41	1438.3
38.01	-1.106	30.343	24.41	1438.3
40.03	-1.108	30.357	24.42	1438.3
42.06	-1.108	30.361	24.42	1438.4
44.05	-1.108	30.365	24.43	1438.4
46.00	-1.108	30.369	24.43	1438.4
48.00	-1.110	30.385	24.44	1438.5

Station 260 1 89 Heure (Gmt) 18h34

Prof. totale (m) 61 Date 12-05-1982

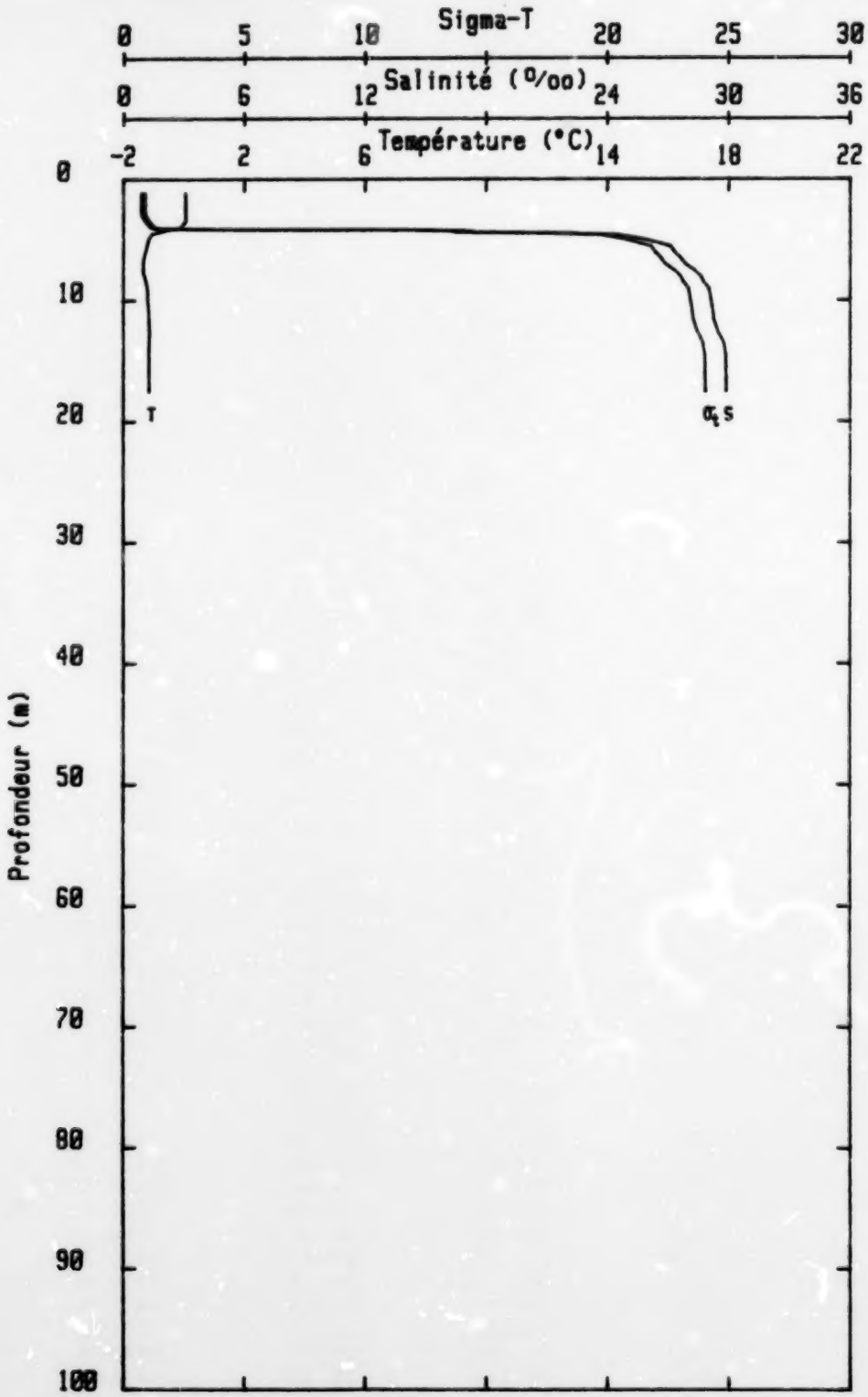


Station	260 1 89	Heure (Gmt)	18h34
Latitude	55°24.2	Date	12-05-1982
Longitude	77°37.4		
Profondeur totale (m)	61.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.23	.223	.702	.46	1404.5
1.51	.224	.688	.45	1404.5
2.01	.219	.677	.44	1404.4
2.50	.223	.673	.43	1404.5
3.01	.221	.674	.43	1404.5
3.50	.067	1.382	1.00	1404.6
3.60	.021	2.167	1.64	1405.4
3.73	-.098	3.312	2.56	1406.3
3.84	-.190	4.176	3.26	1406.9
3.91	-.312	5.220	4.10	1407.7
4.00	-.414	7.243	5.74	1409.8
4.10	-.591	14.436	11.55	1418.5
4.29	-.904	21.309	17.10	1426.2
4.35	-.904	21.738	17.44	1426.8
4.40	-.905	22.186	17.80	1427.4
4.53	-.979	22.705	18.22	1427.8
4.76	-1.029	23.299	18.71	1428.4
5.00	-1.050	25.059	20.13	1430.7
5.58	-1.071	25.826	20.75	1431.7
6.03	-1.096	26.281	21.12	1432.2
6.55	-1.084	26.758	21.50	1432.9
7.04	-1.109	27.054	21.74	1433.2
7.55	-1.122	27.194	21.86	1433.3
8.03	-1.127	27.269	21.92	1433.4
8.56	-1.130	27.547	22.14	1433.8
9.01	-1.100	27.684	22.25	1434.1
9.58	-1.066	27.916	22.44	1434.6
10.03	-1.083	28.141	22.62	1434.9
11.10	-1.066	28.885	23.23	1436.0
12.11	-1.126	29.321	23.58	1436.3
13.00	-1.137	29.596	23.80	1436.7
14.01	-1.138	29.643	23.84	1436.8
15.09	-1.099	29.748	23.93	1437.1
16.00	-1.102	29.808	23.97	1437.2
17.15	-1.125	29.898	24.05	1437.2
18.15	-1.142	29.995	24.13	1437.3
19.00	-1.144	30.024	24.15	1437.3
20.06	-1.152	30.097	24.21	1437.4
22.00	-1.176	30.171	24.27	1437.5
24.10	-1.215	30.275	24.36	1437.4
26.10	-1.235	30.362	24.43	1437.5
28.06	-1.272	30.429	24.48	1437.5
32.08	-1.172	30.523	24.56	1438.1
36.00	-1.212	30.589	24.61	1438.1
40.00	-1.248	30.690	24.69	1438.1
44.04	-1.178	30.723	24.72	1438.6
48.23	-1.139	30.859	24.83	1439.0
52.01	-1.150	31.018	24.96	1439.2
56.14	-1.184	31.184	25.09	1439.4
60.01	-1.212	31.256	25.15	1439.4

Station 261 2 90 Heure (Gmt) 19h10

Prof. totale (m) 19 Date 12-05-1982

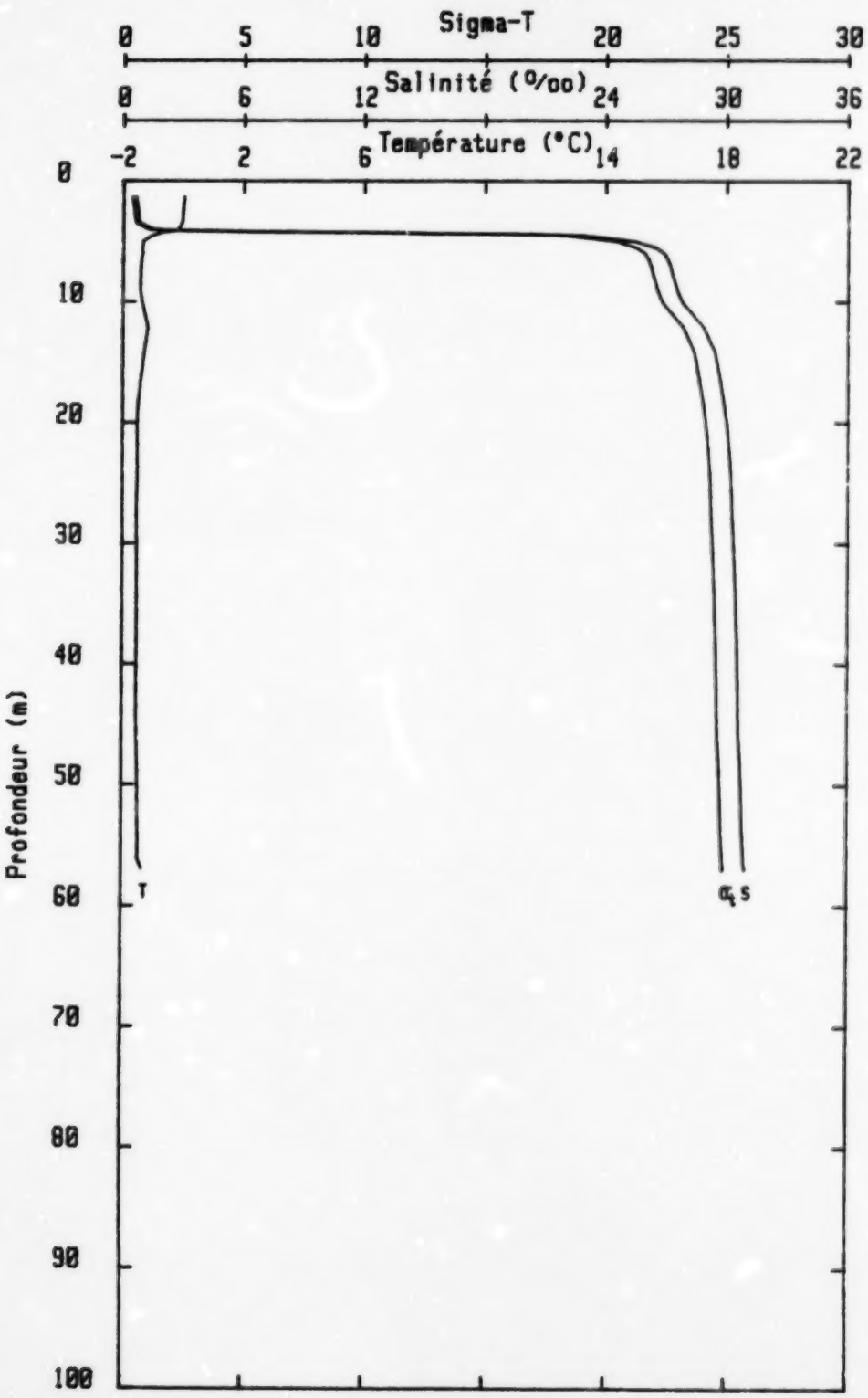


Station	261 2 90	Heure (Gmt)	19h10
Latitude	55°25.5	Date	12-05-1982
Longitude	77°39.0		
Profondeur totale (m)	19.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.16	.062	1.083	.76	1404.2
1.51	.061	1.077	.75	1404.2
2.00	.072	1.071	.75	1404.2
2.51	.062	1.074	.75	1404.2
3.00	.072	1.100	.77	1404.3
3.51	.064	1.291	.93	1404.5
4.00	-.129	1.538	1.12	1403.8
4.06	-.224	1.685	1.23	1403.6
4.10	-.288	2.004	1.49	1403.7
4.18	-.471	6.307	4.97	1408.3
4.21	-.603	13.820	11.05	1417.6
4.24	-.624	15.226	12.18	1419.4
4.28	-.640	16.107	12.89	1420.5
4.30	-.693	16.924	13.55	1421.3
4.35	-.754	17.374	13.92	1421.6
4.41	-.888	17.101	13.69	1420.6
4.49	-1.011	22.321	17.91	1427.1
4.51	-1.030	22.225	17.84	1426.9
4.55	-1.045	23.098	18.54	1428.0
4.60	-1.070	24.491	19.67	1429.8
5.00	-1.164	25.869	20.79	1431.3
5.55	-1.222	27.122	21.80	1432.7
6.03	-1.258	27.322	21.96	1432.8
6.50	-1.320	27.605	22.19	1432.9
7.01	-1.341	27.848	22.39	1433.2
7.53	-1.341	28.290	22.75	1433.8
8.04	-1.293	28.624	23.02	1434.5
8.51	-1.228	28.755	23.12	1435.0
9.03	-1.195	29.026	23.34	1435.6
9.51	-1.187	29.079	23.39	1435.7
10.00	-1.183	29.129	23.43	1435.8
10.53	-1.166	29.186	23.47	1435.9
11.23	-1.142	29.247	23.52	1436.2
11.51	-1.140	29.249	23.52	1436.2
12.53	-1.126	29.456	23.69	1436.5
13.51	-1.138	29.752	23.93	1436.9
14.56	-1.147	29.859	24.02	1437.0
15.55	-1.141	29.879	24.03	1437.1
16.63	-1.139	29.886	24.04	1437.1
17.56	-1.136	29.890	24.04	1437.2

Station 231 2 91 Heure (Gmt) 18h12

Prof. totale (m) 65 Date 13-05-1982

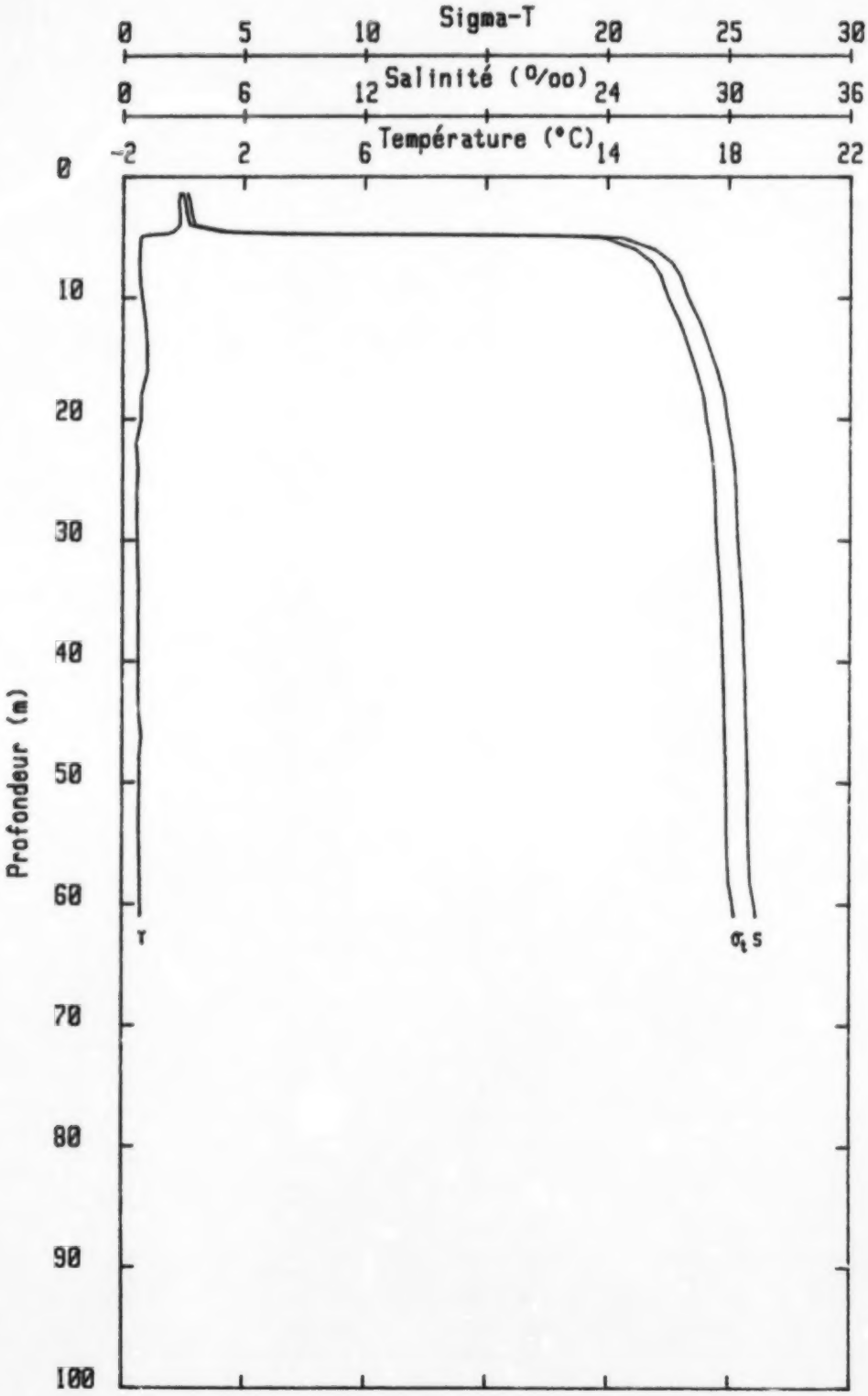


Station	231 2 91	Heure (Gmt)	18h12
Latitude	55°13.6	Date	13-05-1982
Longitude	77°58.7		
Profondeur totale (m)	65.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.36	.021	.628	.38	1403.4
1.50	.018	.612	.37	1403.3
2.05	-.011	.698	.44	1403.3
2.51	-.022	.725	.46	1403.3
3.00	-.030	.744	.48	1403.3
3.51	-.051	.820	.54	1403.3
4.00	-.170	1.407	1.01	1403.5
4.05	-.193	1.597	1.16	1403.6
4.13	-.234	2.346	1.77	1404.4
4.16	-.345	4.021	3.13	1406.0
4.23	-.543	6.534	5.15	1408.3
4.26	-.677	11.529	9.19	1414.2
4.30	-.744	14.022	11.21	1417.2
4.38	-.811	15.498	12.40	1418.8
4.40	-.864	19.590	15.71	1424.1
4.45	-.928	21.431	17.19	1426.3
4.50	-1.018	22.834	18.33	1427.8
5.01	-1.341	25.484	20.47	1429.9
5.53	-1.367	26.476	21.28	1431.1
6.01	-1.359	26.903	21.62	1431.8
6.50	-1.397	27.072	21.76	1431.8
7.00	-1.404	27.191	21.86	1432.0
7.56	-1.415	27.279	21.93	1432.1
8.00	-1.421	27.352	21.99	1432.1
9.15	-1.426	27.554	22.15	1432.4
10.08	-1.355	27.801	22.35	1433.1
12.13	-1.172	28.859	23.21	1435.5
14.15	-1.285	29.421	23.66	1435.8
16.21	-1.390	29.646	23.85	1435.6
18.24	-1.481	29.846	24.01	1435.5
20.11	-1.515	30.008	24.14	1435.6
22.00	-1.498	30.104	24.22	1435.8
24.10	-1.502	30.197	24.30	1436.0
26.01	-1.520	30.245	24.34	1436.0
28.09	-1.528	30.285	24.37	1436.0
30.01	-1.524	30.341	24.41	1436.2
32.33	-1.515	30.403	24.47	1436.3
34.05	-1.515	30.448	24.50	1436.4
36.03	-1.515	30.480	24.53	1436.5
38.10	-1.517	30.539	24.58	1436.6
40.08	-1.521	30.564	24.60	1436.7
42.10	-1.524	30.592	24.62	1436.7
44.10	-1.523	30.607	24.63	1436.8
46.04	-1.496	30.637	24.65	1437.0
48.08	-1.478	30.709	24.71	1437.2
50.13	-1.468	30.750	24.75	1437.3
52.06	-1.463	30.784	24.77	1437.4
54.00	-1.447	30.825	24.81	1437.6
56.18	-1.451	30.896	24.86	1437.7
57.00	-1.323	30.930	24.89	1438.4

Station 241 2 92 Heure (Gmt) 19h25

Prof. totale (m) 65 Date 13-05-1982

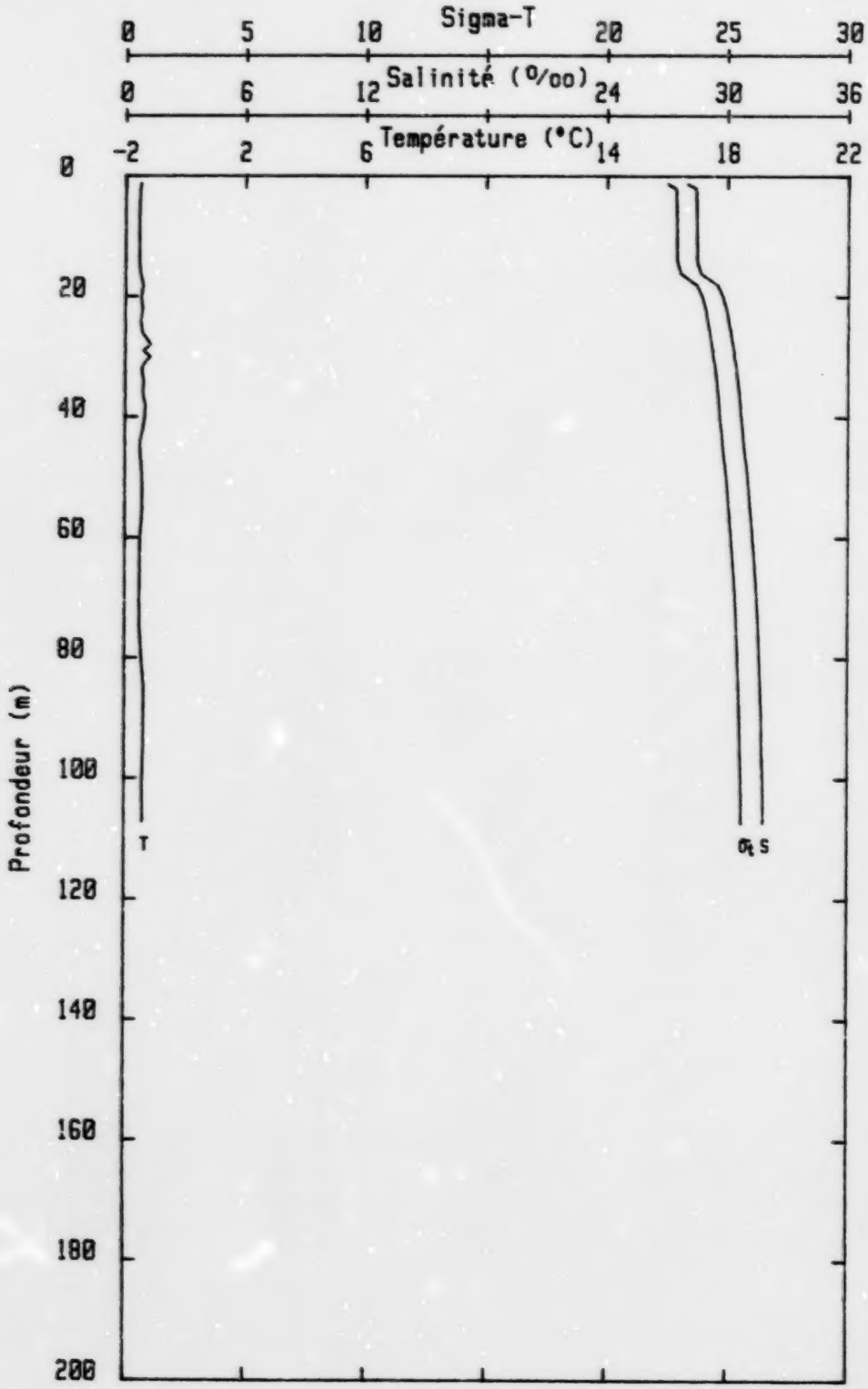


Station	241 2 92	Heure (Gmt)	19h25
Latitude	55°18.8	Date	13-05-1982
Longitude	77°52.4		
Profondeur totale (m)	65.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.41	-.130	3.195	2.47	1405.9
2.05	-.156	3.315	2.56	1406.0
3.06	-.130	3.416	2.65	1406.2
4.03	-.130	3.556	2.76	1406.4
4.54	-.334	5.094	4.00	1407.4
4.59	-.387	5.716	4.50	1408.0
4.64	-.452	6.461	5.10	1408.6
4.70	-.541	7.562	5.99	1409.6
4.74	-.639	9.436	7.50	1411.6
4.78	-.856	13.715	10.96	1416.2
4.84	-1.212	20.176	16.18	1423.2
4.91	-1.368	23.101	18.54	1426.5
5.03	-1.403	24.494	19.67	1428.2
5.10	-1.409	24.837	19.95	1428.7
5.15	-1.418	24.898	20.00	1428.7
6.00	-1.448	26.327	21.16	1430.6
7.05	-1.453	27.160	21.83	1431.7
8.10	-1.436	27.581	22.17	1432.4
9.05	-1.408	27.775	22.33	1432.8
10.00	-1.357	27.993	22.51	1433.4
12.04	-1.245	28.590	22.99	1434.8
14.13	-1.193	29.033	23.35	1435.7
16.11	-1.184	29.447	23.68	1436.3
18.01	-1.391	29.763	23.94	1435.8
20.09	-1.393	29.933	24.08	1436.1
22.03	-1.543	30.146	24.26	1435.7
24.03	-1.490	30.291	24.37	1436.2
26.13	-1.519	30.371	24.44	1436.2
28.10	-1.530	30.405	24.47	1436.2
30.05	-1.498	30.456	24.51	1436.5
32.08	-1.491	30.544	24.58	1436.6
34.06	-1.465	30.639	24.66	1436.9
36.00	-1.481	30.701	24.71	1437.0
38.13	-1.469	30.739	24.74	1437.1
40.08	-1.469	30.786	24.78	1437.2
42.03	-1.473	30.833	24.81	1437.3
44.03	-1.459	30.864	24.84	1437.4
46.13	-1.370	30.900	24.87	1437.9
48.00	-1.429	30.941	24.90	1437.8
50.18	-1.423	30.963	24.92	1437.9
52.18	-1.446	30.978	24.93	1437.8
54.05	-1.444	30.989	24.94	1437.9
56.00	-1.422	31.031	24.97	1438.0
58.18	-1.401	31.099	25.03	1438.3
60.16	-1.392	31.305	25.19	1438.6
61.01	-1.394	31.377	25.25	1438.7

Station 243 2 93 Heure (Gmt) 20h10

Prof. totale (m) 110 Date 13-05-1982

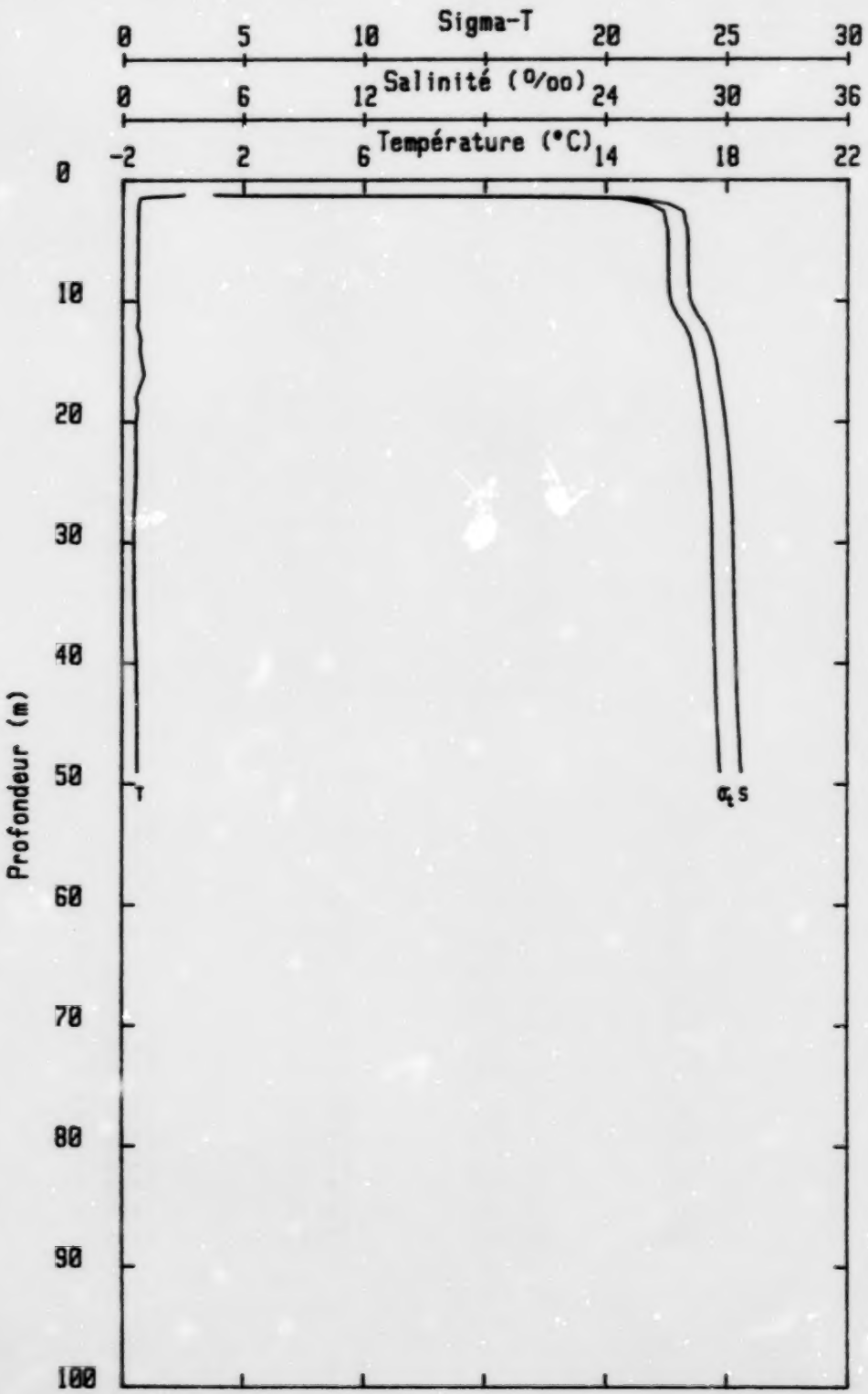


Station	243 2 93	Heure (Gmt)	20h10
Latitude	55°23.9	Date	13-05-1982
Longitude	78°18.8		
Profondeur totale (m)	110.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.35	-1.491	28.013	22.53	1432.6
2.09	-1.522	28.410	22.85	1433.0
3.01	-1.526	28.432	22.87	1433.1
4.04	-1.533	28.442	22.87	1433.1
5.09	-1.539	28.450	22.88	1433.0
6.04	-1.540	28.453	22.88	1433.1
7.04	-1.544	28.456	22.89	1433.1
8.13	-1.544	28.458	22.89	1433.1
9.08	-1.545	28.464	22.89	1433.1
10.06	-1.544	28.469	22.90	1433.1
12.08	-1.542	28.476	22.90	1433.2
14.08	-1.540	28.480	22.91	1433.2
16.15	-1.502	28.663	23.05	1433.7
18.13	-1.403	29.509	23.74	1435.4
20.00	-1.463	29.776	23.96	1435.5
22.16	-1.424	29.954	24.10	1436.0
24.16	-1.482	30.057	24.18	1435.9
26.13	-1.420	30.182	24.28	1436.4
27.10	-1.274	30.228	24.32	1437.2
28.05	-1.152	30.267	24.35	1437.8
29.13	-1.378	30.328	24.40	1436.8
30.09	-1.162	30.348	24.41	1437.9
31.21	-1.361	30.418	24.47	1437.1
32.05	-1.438	30.454	24.51	1436.8
34.21	-1.378	30.526	24.56	1437.2
36.13	-1.410	30.596	24.62	1437.2
38.11	-1.326	30.648	24.66	1437.7
40.09	-1.341	30.691	24.70	1437.7
42.13	-1.404	30.763	24.76	1437.5
44.11	-1.496	30.813	24.80	1437.2
46.15	-1.488	30.881	24.85	1437.4
48.08	-1.448	30.961	24.92	1437.7
50.16	-1.429	31.023	24.97	1437.9
55.04	-1.416	31.150	25.07	1438.2
60.08	-1.493	31.266	25.17	1438.1
65.19	-1.499	31.384	25.26	1438.3
70.06	-1.513	31.482	25.34	1438.5
75.03	-1.493	31.563	25.41	1438.8
80.04	-1.429	31.618	25.45	1439.2
85.00	-1.350	31.677	25.50	1439.8
90.08	-1.361	31.739	25.55	1439.9
95.18	-1.366	31.766	25.57	1440.0
100.20	-1.398	31.815	25.61	1440.0
105.00	-1.387	31.835	25.62	1440.1
107.30	-1.386	31.837	25.63	1440.2

Station 233 2 94 Heure (Gmt) 22h25

Prof. totale (m) 50 Date 14-05-1982

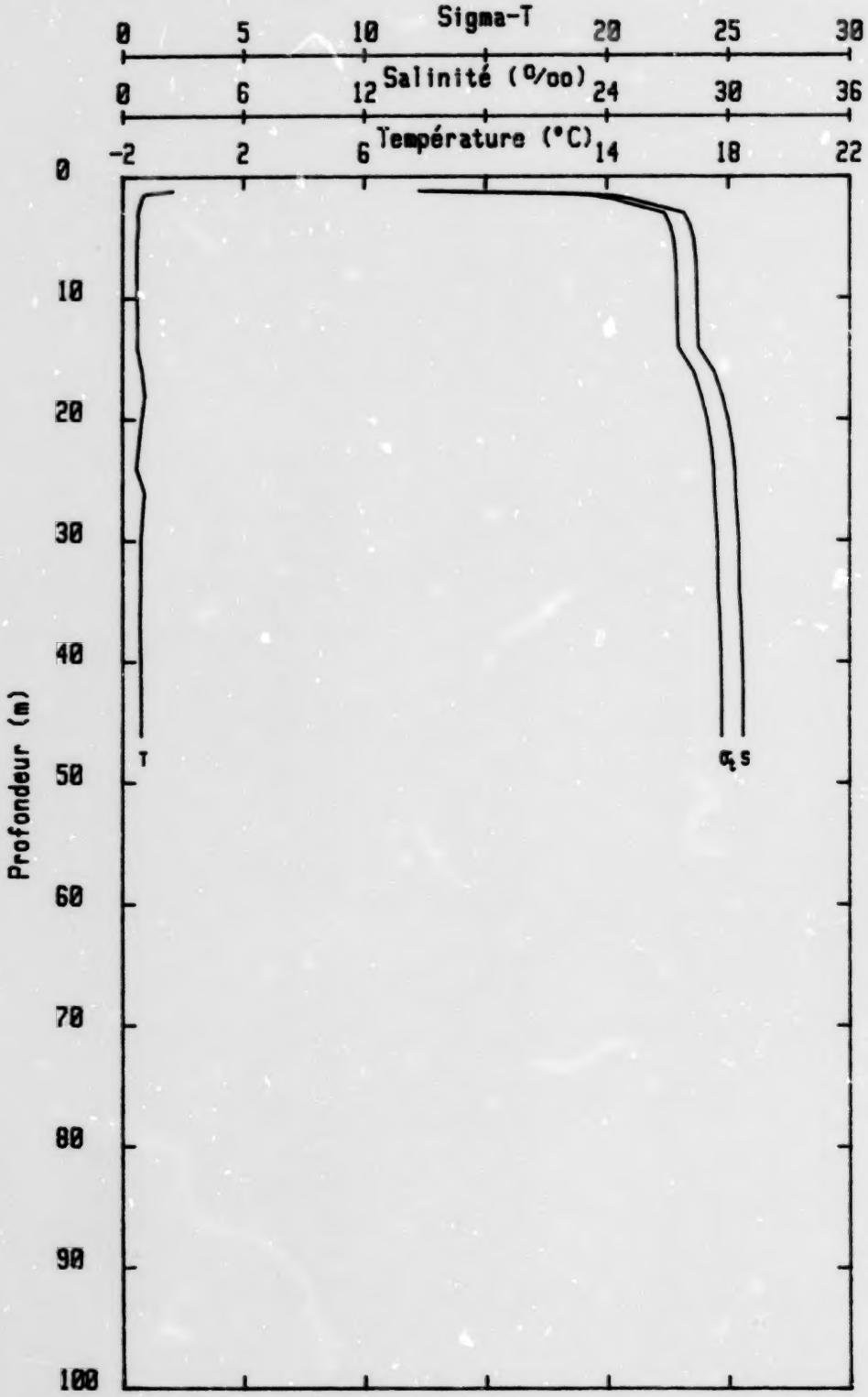


Station	233 2 94	Heure (Gmt)	22h25
Latitude	55°17.7	Date	14-05-1982
Longitude	78° 4.2		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.20	.008	4.817	3.79	1408.7
1.26	.019	4.990	3.93	1409.0
1.31	-.265	7.056	5.60	1410.3
1.36	-.722	17.056	13.66	1421.3
1.40	-.972	21.086	16.91	1425.6
1.50	-1.414	25.508	20.49	1429.5
2.03	-1.476	27.177	21.85	1431.5
2.56	-1.482	27.836	22.38	1432.4
3.04	-1.484	27.913	22.44	1432.5
3.54	-1.486	27.955	22.48	1432.6
4.00	-1.484	28.052	22.56	1432.7
4.54	-1.486	28.048	22.55	1432.7
5.00	-1.488	28.082	22.58	1432.8
5.51	-1.487	28.066	22.57	1432.8
6.06	-1.489	28.078	22.58	1432.8
6.60	-1.490	28.082	22.58	1432.8
7.01	-1.488	28.089	22.59	1432.8
7.66	-1.489	28.098	22.59	1432.8
8.09	-1.491	28.101	22.60	1432.8
8.53	-1.496	28.116	22.61	1432.8
9.08	-1.497	28.136	22.63	1432.9
9.61	-1.495	28.163	22.65	1432.9
10.16	-1.482	28.253	22.72	1433.1
11.08	-1.456	28.515	22.93	1433.6
12.08	-1.497	28.946	23.28	1434.1
13.04	-1.397	29.206	23.49	1434.9
14.08	-1.408	29.367	23.62	1435.1
15.26	-1.333	29.519	23.75	1435.7
16.14	-1.264	29.598	23.81	1436.1
17.05	-1.406	29.678	23.88	1435.6
18.01	-1.539	29.778	23.96	1435.1
19.00	-1.486	29.863	24.03	1435.5
20.03	-1.540	29.942	24.09	1435.4
22.00	-1.542	30.076	24.20	1435.6
24.08	-1.530	30.181	24.29	1435.8
26.00	-1.565	30.251	24.34	1435.8
28.05	-1.608	30.311	24.39	1435.7
30.11	-1.616	30.329	24.41	1435.7
32.00	-1.605	30.350	24.42	1435.8
34.05	-1.593	30.381	24.45	1436.0
36.03	-1.574	30.422	24.48	1436.1
38.06	-1.548	30.447	24.50	1436.3
40.00	-1.521	30.495	24.54	1436.6
42.03	-1.509	30.534	24.57	1436.7
44.18	-1.491	30.581	24.61	1436.9
46.11	-1.498	30.663	24.68	1437.0
48.08	-1.490	30.710	24.71	1437.1
49.00	-1.480	30.757	24.75	1437.3

Station 253 2 95 Heure (Gmt) 23h00

Prof. totale (m) 50 Date 14-05-1982

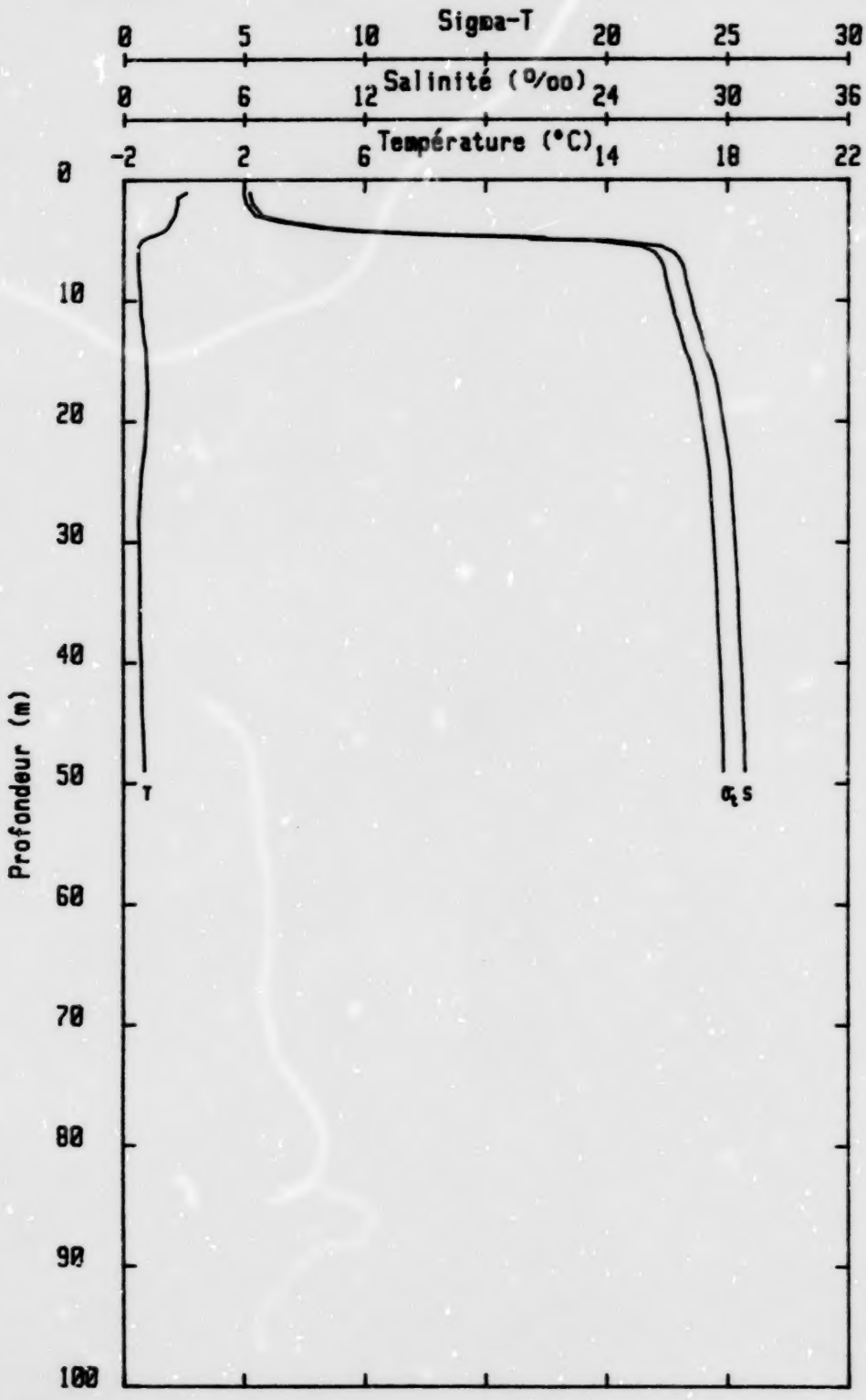


Station	253 2 95	Heure (Gmt)	23h00
Latitude	55°27.1	Date	14-05-1982
Longitude	77°52.0		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.18	-.357	15.325	12.27	1420.8
1.20	-.357	15.333	12.27	1420.8
1.30	-.710	18.109	14.51	1422.8
1.41	-1.211	21.907	17.58	1425.5
1.50	-1.293	23.346	18.74	1427.1
1.61	-1.326	24.265	19.49	1428.2
1.71	-1.348	24.570	19.73	1428.5
1.81	-1.362	24.992	20.08	1429.1
1.90	-1.367	25.254	20.29	1429.4
2.00	-1.386	25.424	20.43	1429.5
3.04	-1.494	27.818	22.37	1432.4
4.00	-1.471	28.103	22.60	1432.9
5.03	-1.520	28.274	22.74	1432.9
6.04	-1.526	28.350	22.80	1433.0
7.06	-1.527	28.400	22.84	1433.1
8.06	-1.526	28.422	22.86	1433.1
9.09	-1.524	28.443	22.87	1433.2
10.09	-1.513	28.451	22.88	1433.3
12.09	-1.494	28.478	22.90	1433.4
14.09	-1.507	28.519	22.94	1433.4
16.13	-1.343	29.308	23.57	1435.4
18.05	-1.256	29.694	23.89	1436.3
20.01	-1.363	29.989	24.13	1436.3
22.19	-1.457	30.208	24.31	1436.2
24.01	-1.539	30.323	24.40	1436.0
26.01	-1.268	30.364	24.43	1437.4
28.01	-1.342	30.451	24.50	1437.2
30.10	-1.396	30.524	24.56	1437.0
32.01	-1.401	30.543	24.58	1437.1
34.10	-1.406	30.555	24.59	1437.1
36.05	-1.425	30.632	24.65	1437.1
38.10	-1.416	30.668	24.68	1437.3
40.04	-1.394	30.705	24.71	1437.5
42.18	-1.390	30.736	24.73	1437.6
44.01	-1.388	30.735	24.73	1437.6
46.18	-1.392	30.735	24.73	1437.6

Station 252 2 96 Heure (Gmt) 23h23

Prof. totale (m) 50 Date 14-05-1982

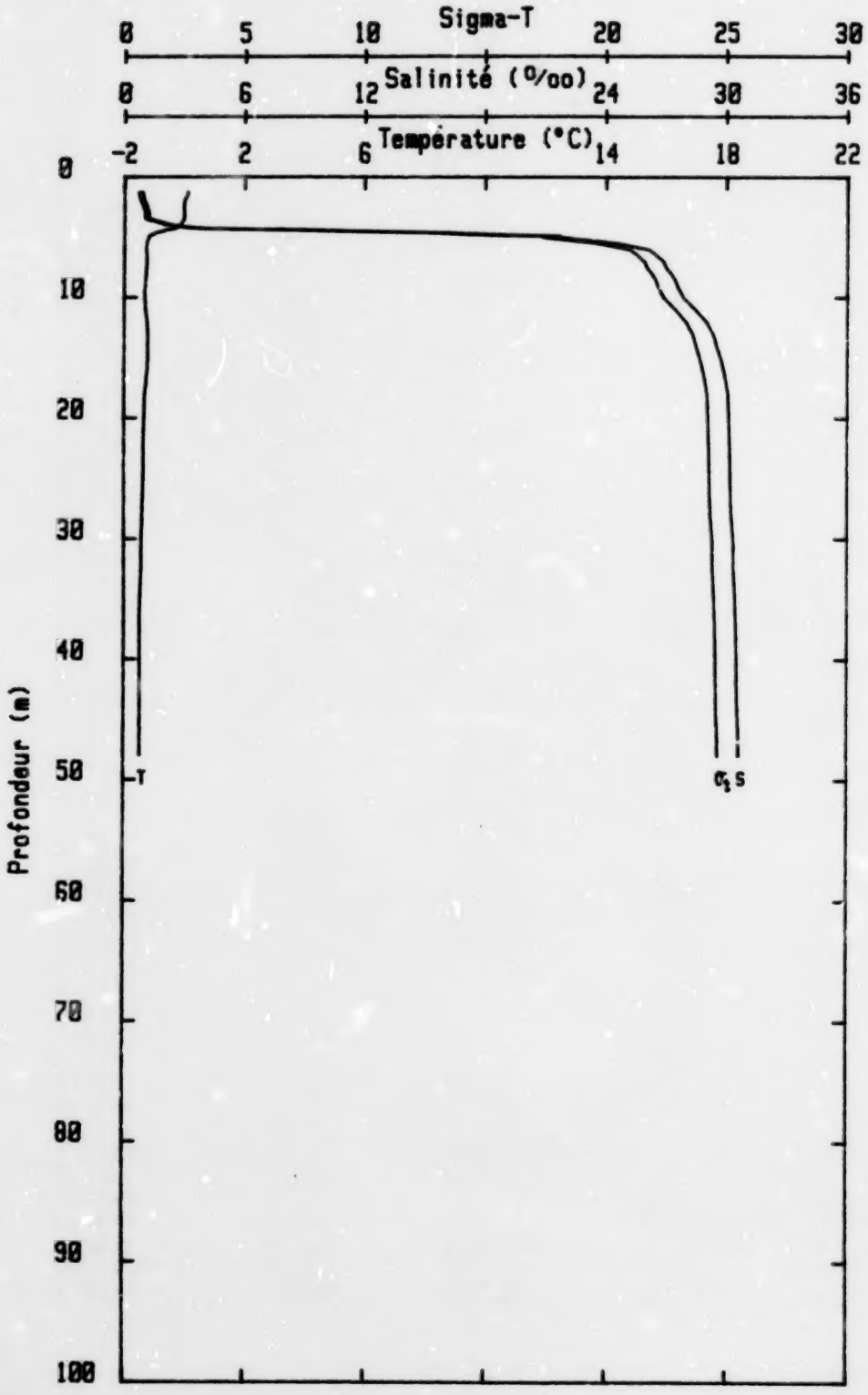


Station	252 2 96	Heure (Gmt)	23h23
Latitude	55°24.6	Date	14-05-1982
Longitude	77°48.6		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.09	.074	6.284	4.98	1410.9
1.50	-.208	6.359	5.03	1409.7
2.01	-.204	6.437	5.09	1409.8
2.51	-.262	6.700	5.30	1409.9
3.00	-.298	6.904	5.47	1409.9
3.50	-.427	8.169	6.48	1411.0
4.00	-.539	10.203	8.13	1413.1
4.25	-.657	11.799	9.41	1414.7
4.53	-.897	15.269	12.21	1418.1
4.65	-1.033	17.726	14.20	1420.8
4.70	-1.133	19.109	15.31	1422.2
4.80	-1.220	20.935	16.79	1424.2
4.94	-1.311	20.969	16.82	1423.8
5.04	-1.387	24.097	19.35	1427.8
5.50	-1.498	26.677	21.44	1430.8
6.01	-1.508	27.349	21.99	1431.7
6.50	-1.500	27.590	22.18	1432.1
7.04	-1.501	27.786	22.34	1432.3
7.59	-1.498	27.874	22.41	1432.5
8.10	-1.481	27.920	22.45	1432.6
8.54	-1.466	27.991	22.51	1432.8
9.08	-1.447	28.061	22.56	1433.0
9.56	-1.434	28.153	22.64	1433.2
10.13	-1.421	28.247	22.71	1433.4
11.15	-1.415	28.372	22.82	1433.6
12.03	-1.354	28.577	22.98	1434.2
13.11	-1.319	28.751	23.12	1434.7
14.09	-1.241	28.909	23.25	1435.3
15.01	-1.228	29.166	23.46	1435.7
16.10	-1.209	29.362	23.62	1436.1
17.10	-1.195	29.504	23.73	1436.4
18.09	-1.193	29.602	23.81	1436.5
22.15	-1.276	29.997	24.13	1436.7
24.10	-1.390	30.160	24.27	1436.5
26.04	-1.438	30.224	24.32	1436.4
28.03	-1.486	30.315	24.39	1436.3
30.13	-1.466	30.400	24.46	1436.5
32.04	-1.452	30.478	24.53	1436.7
34.09	-1.445	30.555	24.59	1436.9
36.04	-1.442	30.587	24.61	1437.0
38.04	-1.438	30.636	24.65	1437.1
40.00	-1.397	30.716	24.72	1437.5
42.03	-1.386	30.781	24.77	1437.6
44.11	-1.375	30.813	24.79	1437.8
46.01	-1.329	30.878	24.85	1438.1
48.00	-1.297	30.892	24.86	1438.3
49.00	-1.285	30.914	24.87	1438.4

Station 251 2 97 Heure (Gmt) 23h42

Prof. totale (m) 50 Date 14-05-1982

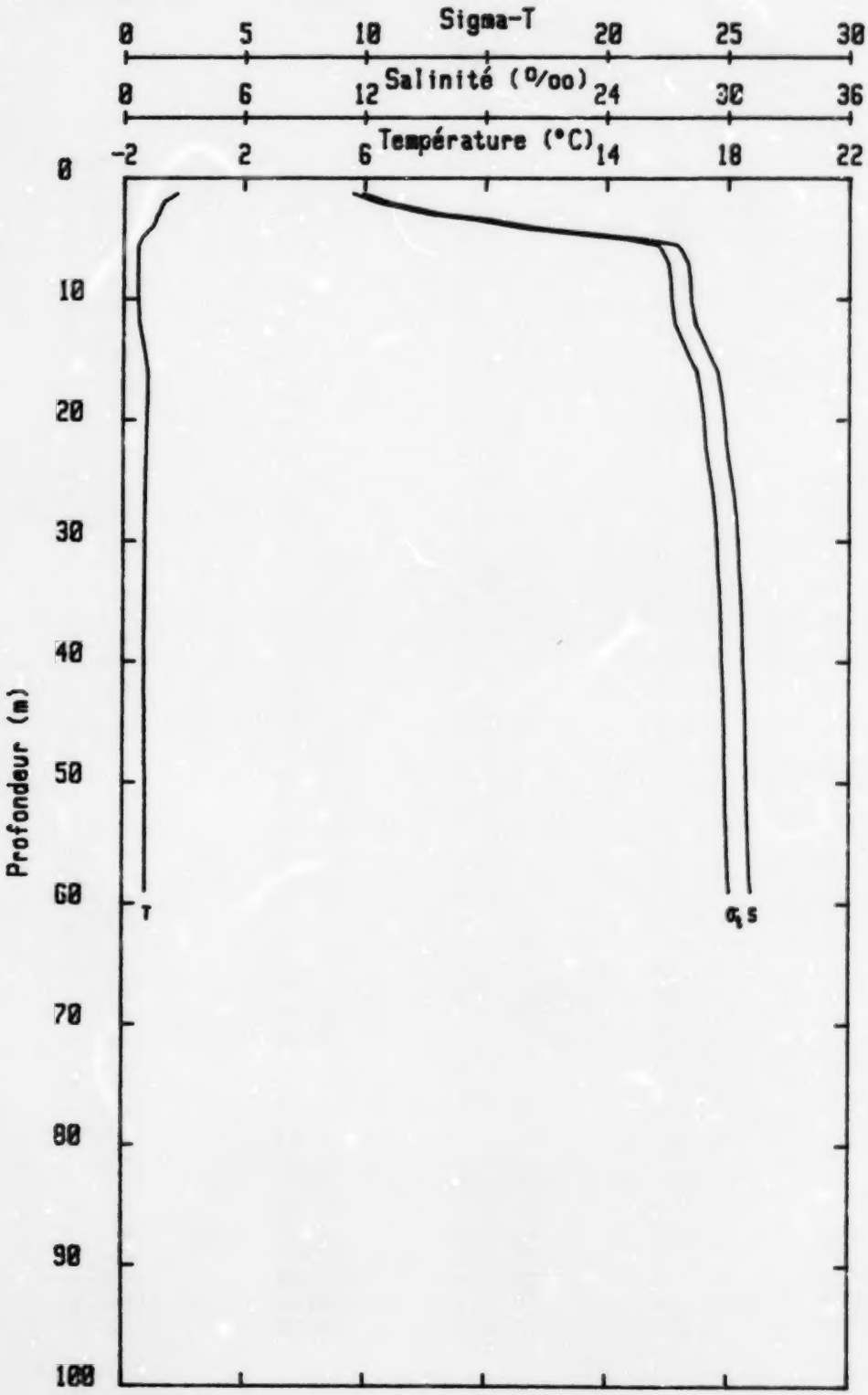


Station	251 2 97	Heure (Gmt)	23h42
Latitude	55°22.4	Date	14-05-1982
Longitude	77°44.9		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.29	.116	.903	.61	1404.2
1.54	.091	.925	.63	1404.1
2.00	-.007	.998	.69	1403.7
2.50	-.026	1.140	.80	1403.8
3.04	-.005	1.224	.87	1404.0
3.51	-.018	1.250	.89	1404.0
4.01	-.141	2.362	1.79	1404.8
4.10	-.199	2.815	2.15	1405.1
4.23	-.259	3.388	2.62	1405.6
4.31	-.314	4.164	3.24	1406.3
4.41	-.619	8.979	7.13	1411.1
4.51	-.693	11.451	9.13	1414.0
4.63	-.929	15.748	12.60	1418.6
4.83	-1.087	19.046	15.26	1422.3
4.90	-1.159	21.715	17.42	1425.6
5.01	-1.183	21.643	17.36	1425.4
5.51	-1.248	24.492	19.67	1429.0
6.04	-1.262	26.130	21.00	1431.2
6.53	-1.249	26.515	21.31	1431.8
7.08	-1.247	26.883	21.61	1432.3
7.53	-1.259	26.979	21.69	1432.4
8.04	-1.272	27.233	21.89	1432.7
8.53	-1.286	27.431	22.05	1432.9
9.10	-1.294	27.557	22.15	1433.0
9.58	-1.321	27.714	22.28	1433.1
10.00	-1.312	27.841	22.38	1433.4
11.05	-1.279	28.470	22.89	1434.4
12.05	-1.232	29.013	23.33	1435.4
13.06	-1.206	29.345	23.60	1436.0
14.13	-1.209	29.528	23.75	1436.3
15.14	-1.207	29.721	23.91	1436.6
16.01	-1.233	29.855	24.02	1436.6
17.01	-1.266	29.973	24.11	1436.7
18.00	-1.309	30.072	24.19	1436.6
22.04	-1.353	30.160	24.27	1436.6
24.03	-1.346	30.186	24.29	1436.7
26.08	-1.373	30.211	24.31	1436.6
28.03	-1.390	30.256	24.34	1436.7
30.25	-1.425	30.360	24.43	1436.7
32.15	-1.422	30.368	24.44	1436.7
34.18	-1.450	30.427	24.48	1436.7
36.10	-1.471	30.475	24.52	1436.7
38.18	-1.470	30.507	24.55	1436.8
40.08	-1.466	30.532	24.57	1436.9
42.05	-1.456	30.544	24.58	1437.0
44.18	-1.456	30.568	24.60	1437.0
46.09	-1.454	30.620	24.64	1437.2
48.00	-1.452	30.630	24.65	1437.2

Station 262 2 98 Heure (Gmt) 00h13

Prof. totale (m) 60 Date 15-05-1982

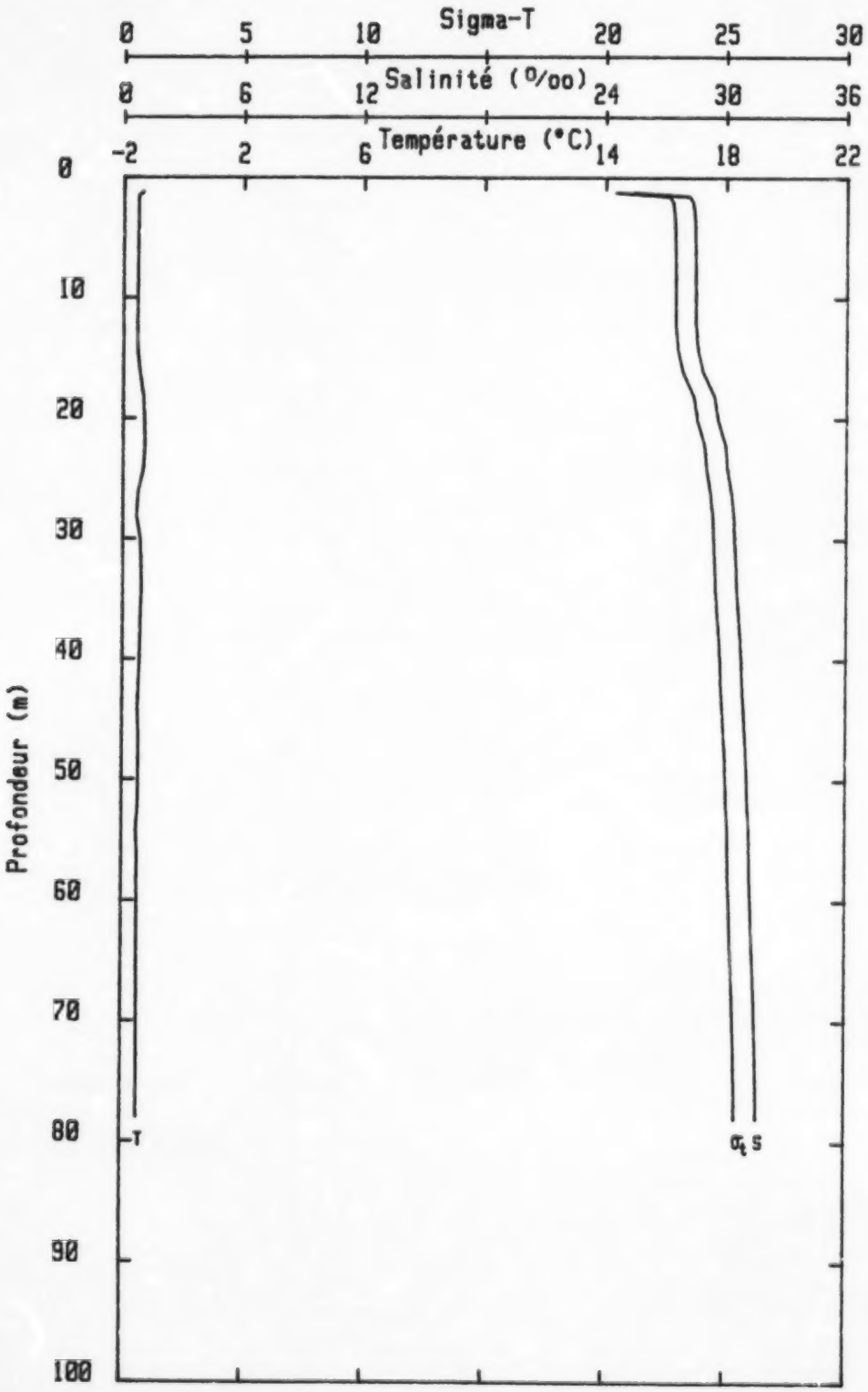


Station	262 2 98	Heure (Gmt)	0h13
Latitude	55°27.0	Date	15-05-1982
Longitude	77°41.2		
Profondeur totale (m)	60.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.30	-.235	11.919	9.52	1416.8
2.04	-.695	13.197	10.54	1416.3
3.00	-.852	15.822	12.66	1419.1
3.24	-.932	17.098	13.69	1420.4
3.43	-.931	18.082	14.49	1421.7
4.00	-1.034	20.149	16.16	1424.0
4.20	-1.112	20.933	16.79	1424.7
4.40	-1.199	22.118	17.75	1425.9
5.03	-1.415	25.814	20.74	1430.0
5.53	-1.509	27.501	22.11	1431.9
6.00	-1.519	27.727	22.29	1432.2
7.04	-1.524	28.044	22.55	1432.6
8.06	-1.524	28.126	22.62	1432.7
9.10	-1.519	28.173	22.66	1432.8
10.05	-1.512	28.203	22.68	1432.9
12.04	-1.461	28.385	22.83	1433.4
14.13	-1.293	28.942	23.28	1435.1
16.01	-1.182	29.480	23.71	1436.4
18.01	-1.184	29.684	23.88	1436.7
20.15	-1.210	29.843	24.00	1436.8
22.10	-1.229	29.917	24.07	1436.8
24.20	-1.249	30.108	24.22	1437.1
26.04	-1.261	30.286	24.37	1437.3
28.13	-1.273	30.423	24.48	1437.4
30.28	-1.276	30.506	24.54	1437.6
32.15	-1.281	30.545	24.58	1437.6
34.05	-1.287	30.633	24.65	1437.8
36.13	-1.290	30.689	24.69	1437.9
38.00	-1.300	30.718	24.72	1437.9
40.04	-1.288	30.753	24.74	1438.0
42.21	-1.294	30.824	24.80	1438.1
44.01	-1.271	30.859	24.83	1438.3
46.15	-1.263	30.888	24.85	1438.4
48.09	-1.260	30.897	24.86	1438.5
50.00	-1.247	30.931	24.89	1438.6
52.16	-1.244	30.957	24.91	1438.7
54.01	-1.242	31.000	24.94	1438.8
56.26	-1.240	31.048	24.98	1438.9
58.08	-1.239	31.098	25.02	1439.0
59.03	-1.240	31.157	25.07	1439.1

Station 263 2 99 Heure (Gmt) 00h37

Prof. totale (m) 80 Date 15-05-1982

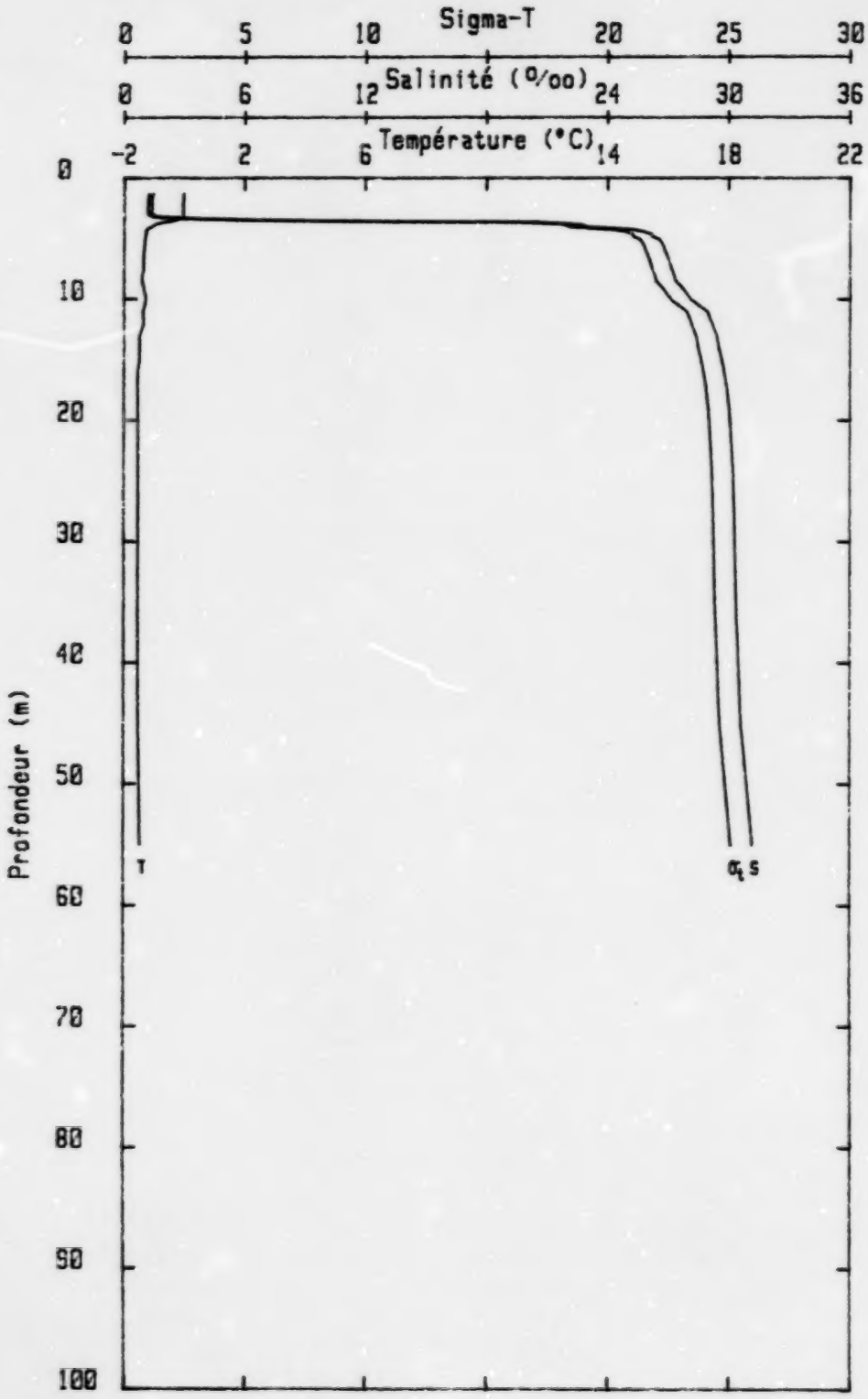


Station	263 2 99	Heure (Gmt)	0h37
Latitude	55°28.4	Date	15-05-1982
Longitude	77°43.1		
Profondeur totale (m)	80.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.24	-1.371	25.420	20.42	1429.6
1.56	-1.515	28.165	22.65	1432.7
2.00	-1.520	28.328	22.78	1432.9
3.00	-1.517	28.407	22.85	1433.1
4.04	-1.517	28.438	22.87	1433.1
5.08	-1.521	28.454	22.88	1433.1
6.05	-1.522	28.470	22.90	1433.2
7.00	-1.526	28.474	22.90	1433.2
8.03	-1.526	28.479	22.90	1433.2
9.11	-1.530	28.484	22.91	1433.2
10.16	-1.530	28.485	22.91	1433.2
12.03	-1.535	28.491	22.91	1433.2
14.21	-1.519	28.603	23.00	1433.5
16.08	-1.447	28.860	23.21	1434.2
18.10	-1.323	29.435	23.68	1435.7
20.11	-1.278	29.633	23.84	1436.2
22.15	-1.263	29.998	24.13	1436.8
24.11	-1.314	30.107	24.22	1436.7
26.15	-1.489	30.310	24.39	1436.2
28.04	-1.542	30.425	24.48	1436.2
30.00	-1.409	30.473	24.52	1436.9
32.33	-1.378	30.544	24.58	1437.2
34.08	-1.365	30.578	24.60	1437.3
36.14	-1.402	30.667	24.68	1437.3
38.21	-1.413	30.756	24.75	1437.4
40.11	-1.426	30.826	24.81	1437.5
42.20	-1.459	30.863	24.84	1437.4
44.16	-1.481	30.935	24.90	1437.4
46.03	-1.448	31.001	24.95	1437.7
48.11	-1.448	31.076	25.01	1437.9
50.13	-1.449	31.120	25.05	1437.9
52.03	-1.456	31.159	25.08	1438.0
54.03	-1.510	31.230	25.14	1437.9
56.00	-1.475	31.254	25.15	1438.1
58.01	-1.480	31.271	25.17	1438.1
60.06	-1.471	31.322	25.21	1438.3
62.20	-1.475	31.363	25.24	1438.4
64.08	-1.475	31.407	25.28	1438.5
66.28	-1.469	31.468	25.33	1438.6
68.13	-1.466	31.511	25.36	1438.7
70.03	-1.463	31.538	25.39	1438.8
72.10	-1.460	31.585	25.42	1438.9
74.00	-1.457	31.613	25.45	1439.0
76.04	-1.459	31.638	25.47	1439.0
78.04	-1.460	31.644	25.47	1439.1

Station 221 2 100 Heure (Gmt) 16h30

Prof. totale (m) 60 Date 16-05-1982

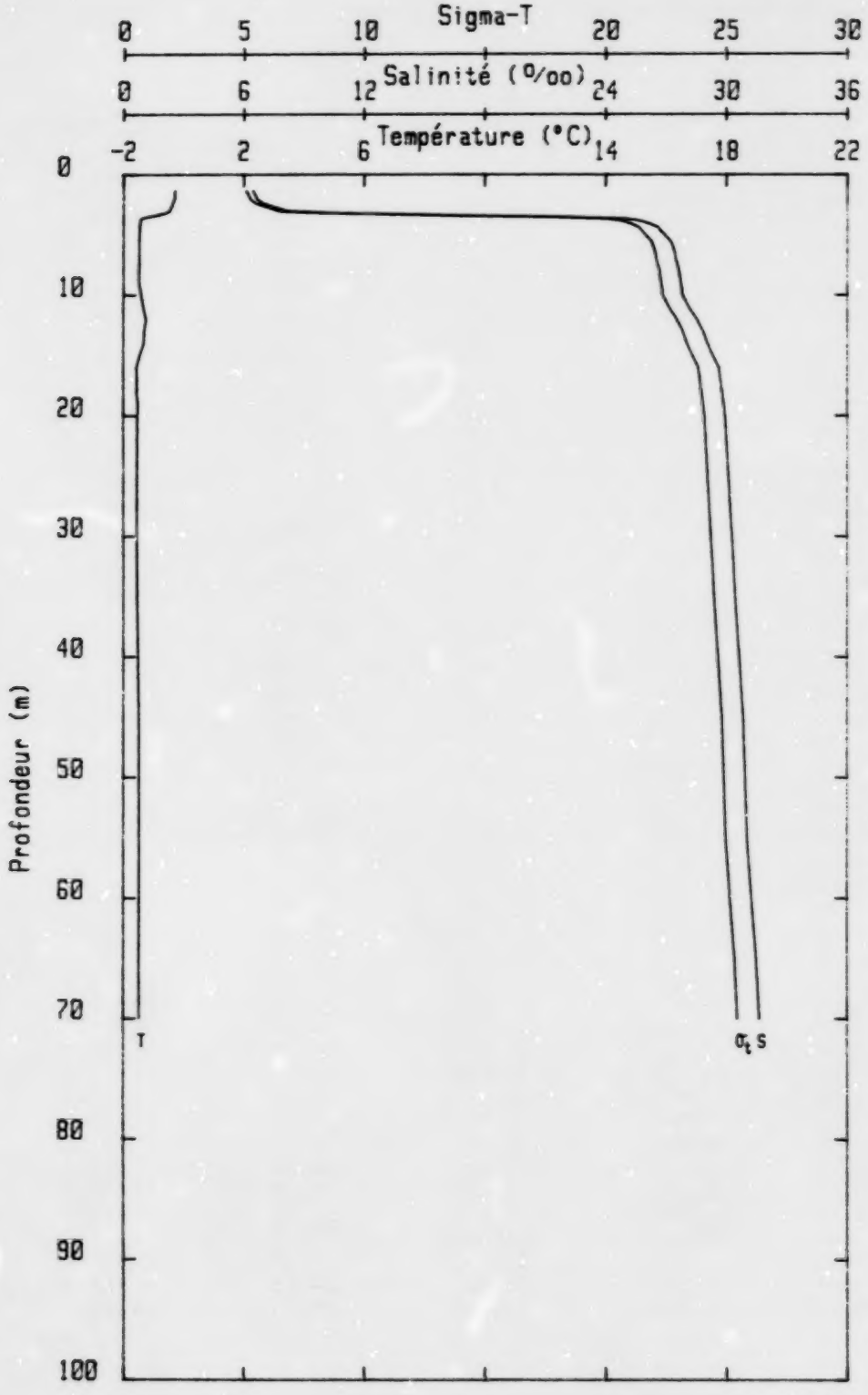


Station	221 2 100	Heure (Gmt)	16h30
Latitude	55°10.6	Date	16-05-1982
Longitude	78° 7.0		
Profondeur totale (m)	60.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.34	-.033	1.422	1.03	1404.1
1.40	-.032	1.411	1.02	1404.1
1.61	-.033	1.383	1.00	1404.1
1.84	-.041	1.361	.98	1404.0
2.03	-.052	1.362	.98	1404.0
2.20	-.054	1.362	.98	1404.0
2.45	-.051	1.366	.98	1404.0
2.64	-.049	1.365	.98	1404.0
2.83	-.048	1.376	.99	1404.0
3.01	-.047	1.393	1.01	1404.0
3.20	-.063	1.601	1.17	1404.2
3.25	-.095	2.194	1.65	1404.8
3.34	-.159	3.085	2.38	1405.7
3.46	-.307	5.988	4.72	1408.7
3.55	-.415	9.827	7.83	1413.2
3.61	-.555	14.494	11.59	1418.7
3.65	-.724	20.508	16.45	1426.0
3.83	-.969	22.627	18.16	1427.7
4.04	-1.094	22.987	18.45	1427.6
4.24	-1.248	25.213	20.25	1429.9
4.41	-1.281	25.778	20.71	1430.6
4.64	-1.287	26.184	21.04	1431.1
4.83	-1.295	26.207	21.06	1431.1
5.06	-1.316	26.561	21.35	1431.5
5.54	-1.324	26.735	21.49	1431.7
6.04	-1.345	26.840	21.57	1431.8
6.50	-1.361	26.975	21.68	1431.9
7.08	-1.367	27.098	21.78	1432.0
7.55	-1.356	27.174	21.84	1432.2
8.03	-1.412	27.304	21.95	1432.1
8.50	-1.408	27.377	22.01	1432.2
9.08	-1.350	27.706	22.28	1433.0
9.60	-1.305	27.947	22.47	1433.5
10.06	-1.276	28.166	22.65	1434.0
11.03	-1.375	28.936	23.27	1434.6
12.05	-1.354	29.179	23.47	1435.1
13.05	-1.492	29.416	23.66	1434.8
14.01	-1.485	29.513	23.74	1434.9
15.01	-1.489	29.653	23.86	1435.1
16.00	-1.549	29.774	23.96	1435.0
17.01	-1.549	29.872	24.03	1435.2
18.05	-1.541	29.953	24.10	1435.3
19.01	-1.543	30.025	24.16	1435.5
20.05	-1.537	30.066	24.19	1435.6
24.23	-1.525	30.214	24.31	1435.9
28.06	-1.533	30.287	24.37	1436.0
35.14	-1.539	30.372	24.44	1436.2
45.05	-1.517	30.628	24.65	1436.8
55.04	-1.450	31.194	25.11	1438.1

Station 222 2 101 Heure (Gmt) 16h55

Prof. totale (m) 80 Date 16-05-1982

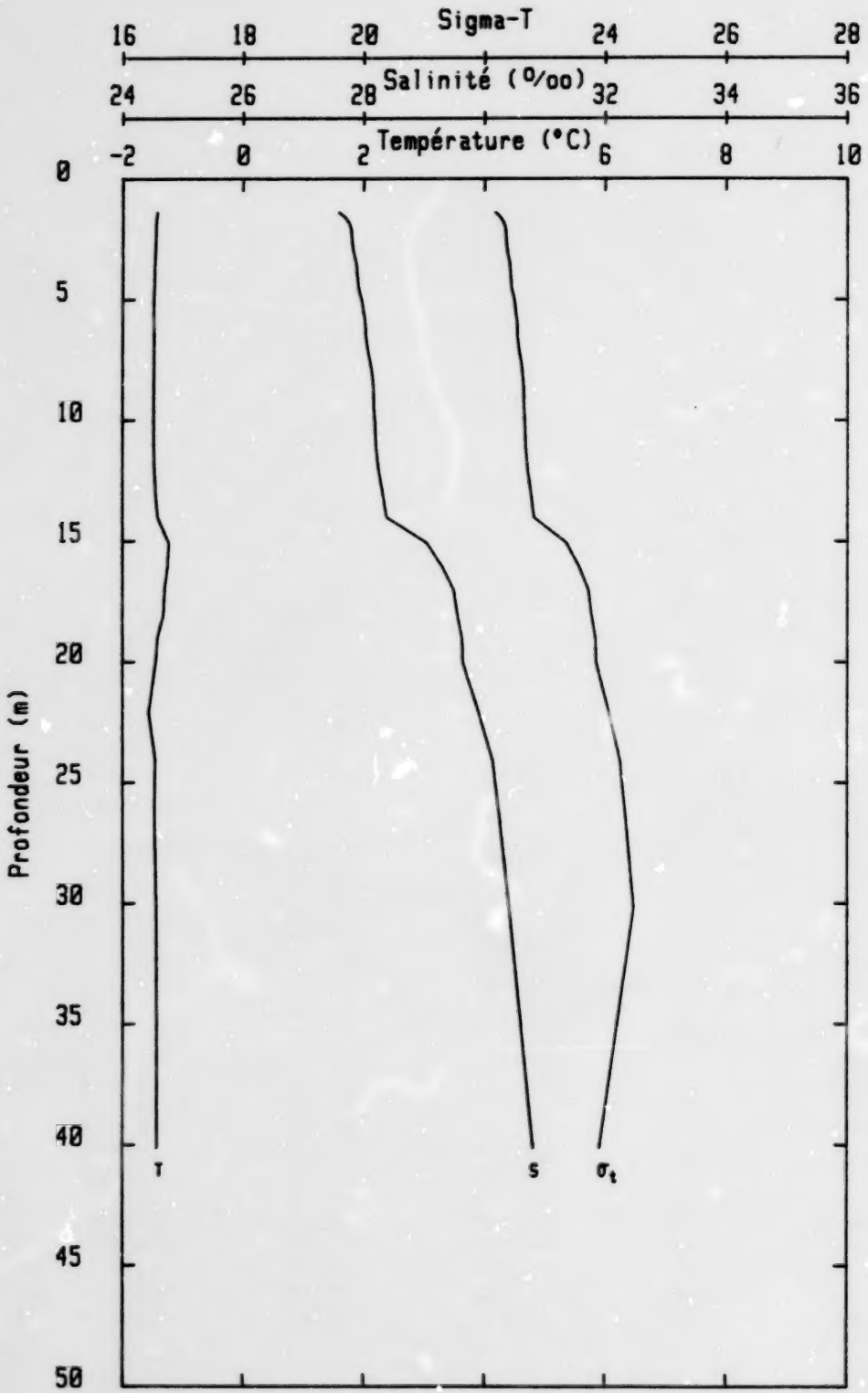


Station	222 2 101	Heure (Gmt)	16h55
Latitude	55°12.7	Date	16-05-1982
Longitude	78°10.2		
Profondeur totale (m)	80.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.40	-.292	6.458	5.11	1409.4
1.61	-.300	6.534	5.17	1409.4
1.86	-.295	6.608	5.23	1409.6
2.09	-.307	6.669	5.28	1409.6
2.20	-.339	6.764	5.35	1409.6
2.40	-.367	6.934	5.49	1409.6
2.65	-.395	7.381	5.85	1410.1
2.81	-.436	7.719	6.12	1410.3
3.05	-.475	8.186	6.50	1410.8
3.21	-.594	10.505	8.37	1413.2
3.28	-.709	12.592	10.05	1415.4
3.35	-.842	14.966	11.97	1418.0
3.44	-.998	17.556	14.06	1420.7
3.50	-1.167	21.069	16.90	1424.6
3.68	-1.420	24.949	20.04	1428.7
3.78	-1.436	25.446	20.44	1429.4
3.88	-1.442	25.776	20.71	1429.8
4.06	-1.450	26.155	21.02	1430.3
4.40	-1.463	26.610	21.39	1430.8
4.60	-1.466	26.699	21.46	1431.0
5.00	-1.469	26.917	21.64	1431.3
5.56	-1.476	27.244	21.90	1431.7
6.03	-1.478	27.352	21.99	1431.8
6.54	-1.475	27.434	22.06	1432.0
7.03	-1.477	27.491	22.10	1432.0
7.56	-1.476	27.569	22.17	1432.2
8.09	-1.484	27.651	22.23	1432.3
8.64	-1.483	27.689	22.26	1432.3
9.14	-1.479	27.739	22.30	1432.4
9.50	-1.443	27.771	22.33	1432.6
10.01	-1.410	27.806	22.36	1432.9
11.09	-1.331	28.158	22.64	1433.7
12.03	-1.247	28.529	22.94	1434.7
13.04	-1.304	28.845	23.20	1434.9
14.06	-1.323	29.064	23.38	1435.1
15.06	-1.458	29.335	23.60	1434.8
16.04	-1.564	29.626	23.84	1434.7
17.09	-1.544	29.711	23.90	1435.0
18.06	-1.560	29.780	23.96	1435.0
19.03	-1.515	29.859	24.02	1435.4
20.08	-1.535	29.935	24.09	1435.4
25.11	-1.549	30.105	24.22	1435.6
30.10	-1.556	30.284	24.37	1435.9
35.01	-1.539	30.445	24.50	1436.3
45.01	-1.480	30.848	24.83	1437.3
55.25	-1.468	31.046	24.99	1437.8
65.03	-1.480	31.488	25.35	1438.6
70.01	-1.477	31.634	25.46	1438.9

Station 223 2 102 Heure (Gmt) 17h20

Prof. totale (m) 44 Date 16-05-1982

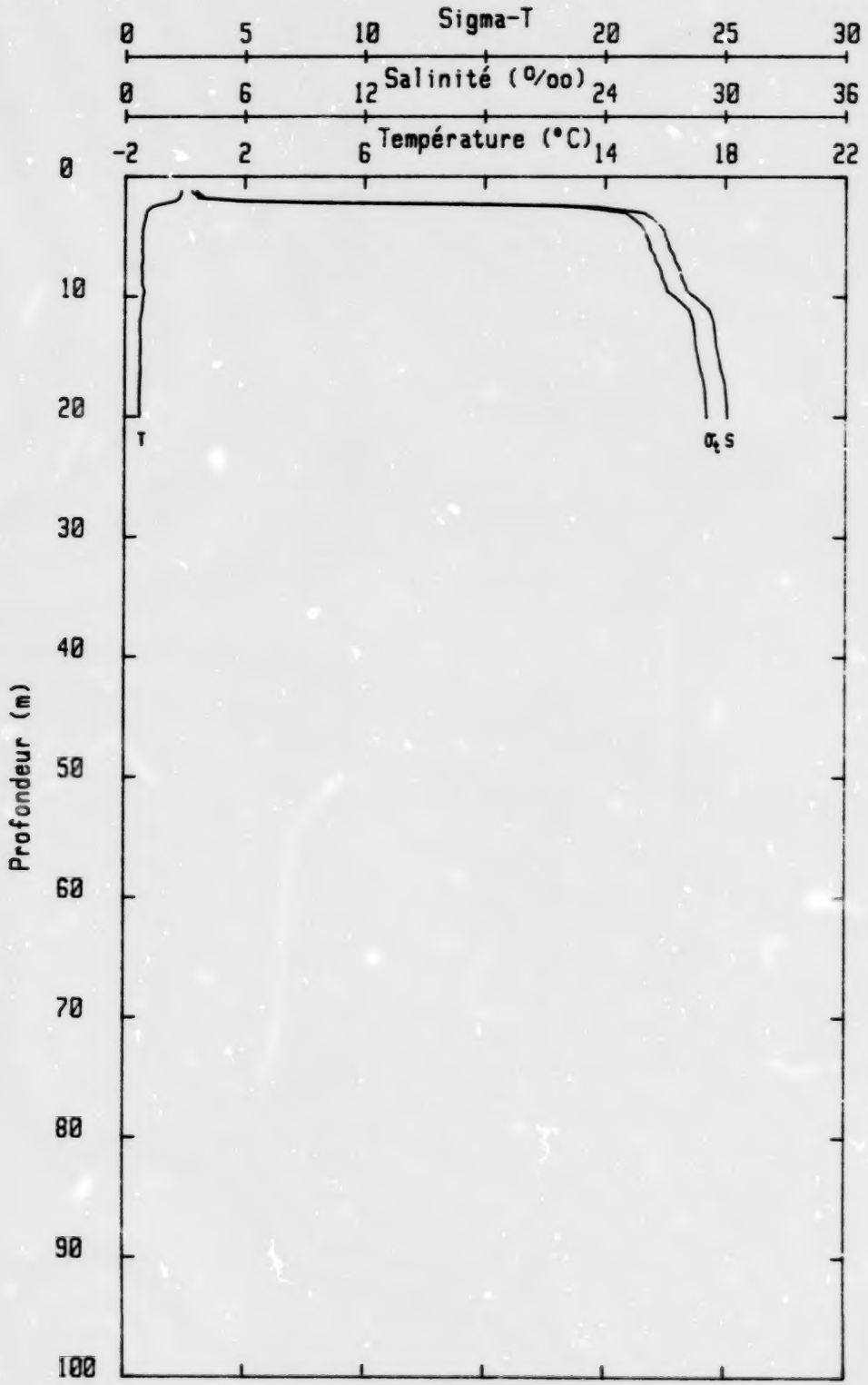


Station	223 2 102	Heure (Gmt)	17h20
Latitude	55°15.0	Date	16-05-1982
Longitude	78°13.2		
Profondeur totale (m)	44.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON	CONGEL
1.41	-1.426	27.590	22.18	1432.3	-1.509
1.61	-1.440	27.693	22.27	1432.4	-1.514
1.84	-1.445	27.755	22.32	1432.4	-1.517
2.05	-1.447	27.787	22.34	1432.4	-1.518
2.24	-1.447	27.797	22.35	1432.4	-1.518
2.43	-1.451	27.802	22.35	1432.4	-1.519
2.64	-1.452	27.809	22.36	1432.4	-1.519
2.88	-1.456	27.821	22.37	1432.4	-1.520
3.09	-1.461	27.837	22.38	1432.4	-1.520
3.34	-1.465	27.860	22.40	1432.3	-1.521
3.45	-1.466	27.870	22.41	1432.3	-1.522
3.64	-1.469	27.881	22.42	1432.3	-1.522
3.88	-1.470	27.888	22.42	1432.3	-1.522
4.10	-1.472	27.897	22.43	1432.3	-1.523
4.49	-1.476	27.912	22.44	1432.3	-1.524
4.61	-1.477	27.920	22.45	1432.3	-1.524
4.84	-1.481	27.948	22.47	1432.3	-1.525
5.08	-1.482	27.971	22.49	1432.3	-1.526
5.58	-1.486	28.003	22.52	1432.3	-1.528
6.03	-1.481	28.029	22.54	1432.3	-1.529
6.54	-1.479	28.035	22.54	1432.3	-1.529
7.08	-1.478	28.065	22.57	1432.3	-1.530
7.53	-1.479	28.103	22.60	1432.3	-1.532
8.05	-1.483	28.135	22.62	1432.3	-1.533
8.59	-1.483	28.157	22.64	1432.2	-1.534
9.10	-1.485	28.164	22.65	1432.2	-1.535
9.59	-1.483	28.171	22.65	1432.2	-1.535
10.08	-1.484	28.182	22.66	1432.2	-1.535
11.06	-1.482	28.200	22.68	1432.1	-1.536
12.08	-1.471	28.244	22.71	1432.2	-1.538
13.01	-1.449	28.310	22.77	1432.3	-1.541
14.03	-1.415	28.375	22.82	1432.5	-1.544
15.09	-1.233	29.037	23.35	1434.4	-1.573
16.08	-1.252	29.297	23.56	1434.6	-1.584
17.01	-1.303	29.483	23.72	1434.4	-1.592
18.09	-1.323	29.549	23.77	1434.3	-1.595
19.01	-1.421	29.624	23.83	1433.8	-1.598
20.03	-1.450	29.639	23.84	1433.6	-1.599
22.08	-1.566	29.901	24.06	1433.1	-1.610
24.08	-1.452	30.134	24.25	1433.9	-1.621
26.04	-1.469	30.232	24.33	1433.8	-1.625
30.16	-1.442	30.414	24.47	1433.9	-1.633
40.13	-1.425	30.813	23.90	1433.8	-1.650

Station 225 2 103 Heure (Gmt) 17h53

Prof. totale (m) 24 Date 16-05-1982

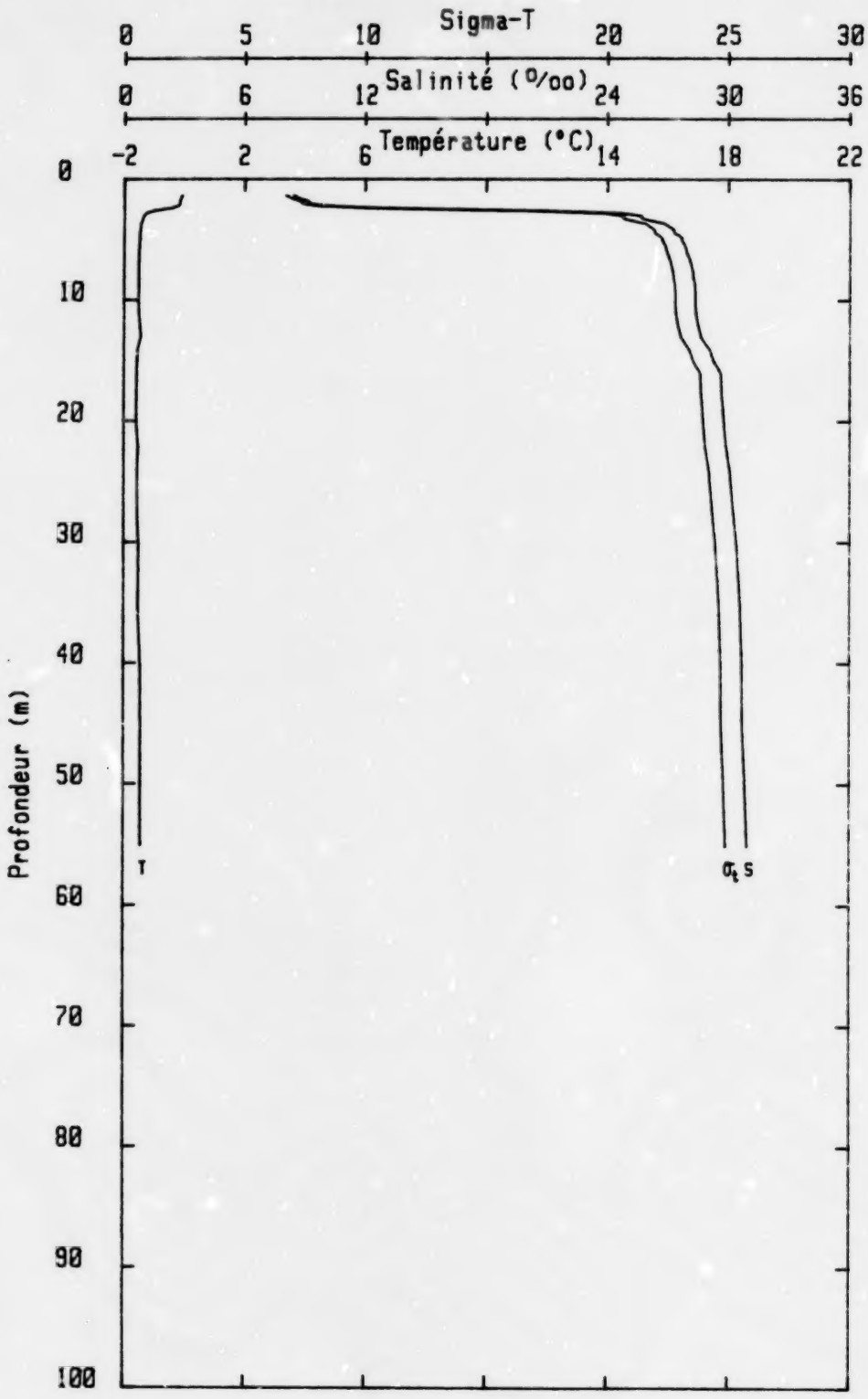


Station	225 2 103	Heure (Gmt)	17h53
Latitude	55° 6.6	Date	16-05-1982
Longitude	78°14.3		
Profondeur totale (m)	24.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.24	-.118	3.598	2.80	1406.5
1.40	-.133	3.645	2.83	1406.5
1.63	-.170	3.864	3.01	1406.6
1.80	-.197	3.902	3.04	1406.5
2.05	-.326	5.931	4.68	1408.5
2.15	-.484	8.737	6.94	1411.4
2.20	-.576	10.544	8.40	1413.4
2.33	-.806	18.303	14.67	1422.6
2.44	-.990	22.258	17.86	1427.1
2.55	-1.112	23.745	19.07	1428.5
2.68	-1.183	24.299	19.51	1429.0
2.95	-1.289	25.635	20.60	1430.3
3.01	-1.290	25.934	20.84	1430.7
3.50	-1.329	26.352	21.18	1431.1
4.03	-1.383	26.720	21.48	1431.4
4.54	-1.422	26.956	21.67	1431.5
5.05	-1.425	27.032	21.73	1431.6
5.50	-1.421	27.168	21.84	1431.8
6.03	-1.431	27.214	21.88	1431.9
6.55	-1.408	27.426	22.05	1432.3
7.08	-1.412	27.506	22.11	1432.4
7.51	-1.450	27.670	22.25	1432.4
8.06	-1.420	27.778	22.33	1432.7
8.55	-1.414	27.850	22.39	1432.9
9.03	-1.422	28.004	22.52	1433.1
9.53	-1.357	28.076	22.58	1433.5
10.06	-1.395	28.519	22.93	1433.9
11.10	-1.426	29.200	23.49	1434.7
12.06	-1.494	29.404	23.65	1434.7
13.08	-1.490	29.489	23.72	1434.9
14.03	-1.471	29.534	23.76	1435.0
15.03	-1.488	29.660	23.86	1435.1
16.00	-1.474	29.777	23.96	1435.4
17.10	-1.496	29.959	24.10	1435.6
18.01	-1.504	30.019	24.15	1435.6
19.01	-1.505	30.072	24.20	1435.7
20.06	-1.499	30.108	24.23	1435.8

Station 226 2 104 Heure (Gmt) 18h28

Prof. totale (m) 57 Date 16-05-1982

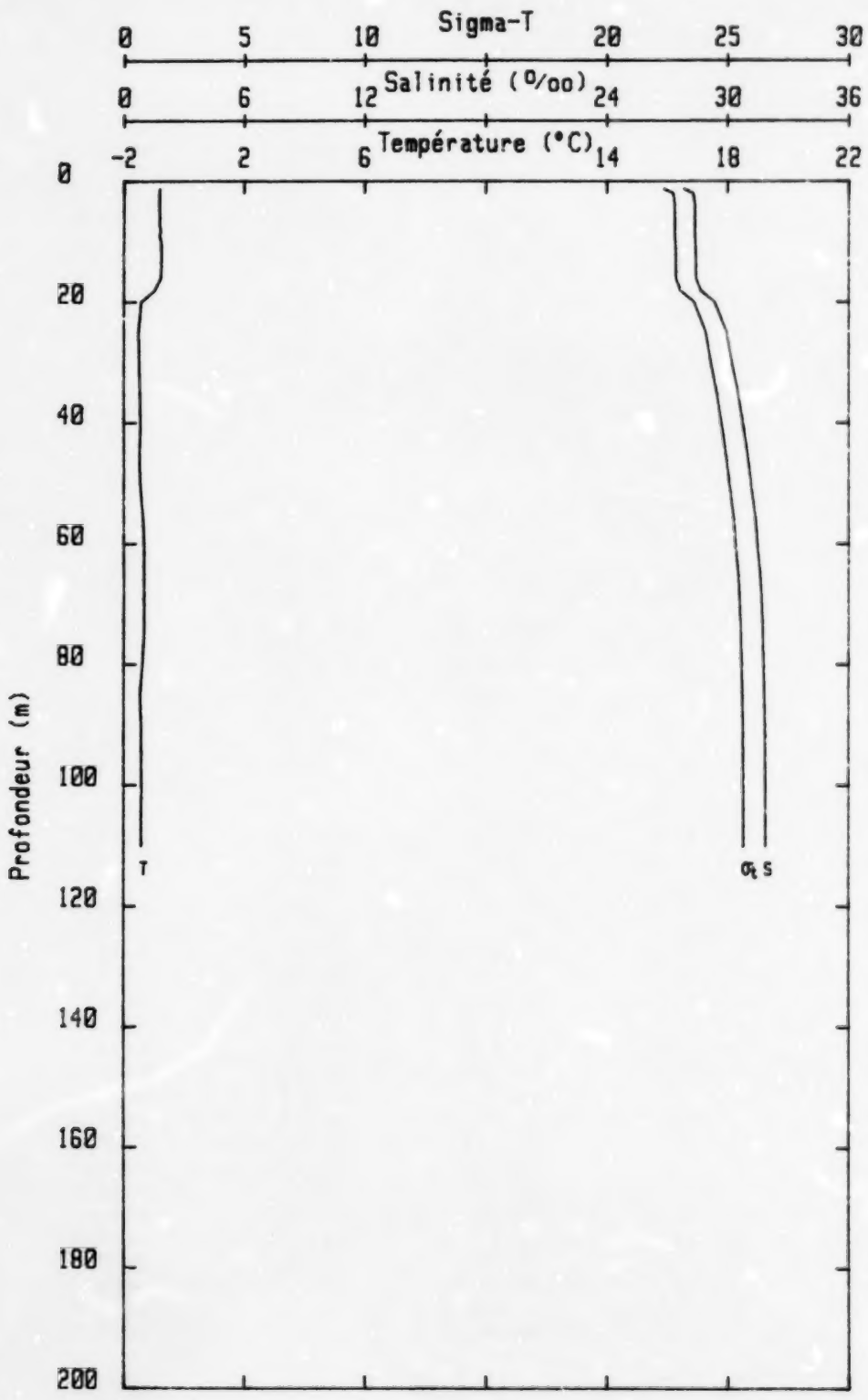


Station	226 2 104	Heure (Gmt)	18h28
Latitude	55° 9.5	Date	16-05-1982
Longitude	78°18.2		
Profondeur totale (m)	57.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.38	-.077	8.449	6.72	1413.0
1.40	-.083	8.484	6.75	1413.0
1.64	-.124	8.745	6.96	1413.2
1.84	-.151	9.151	7.29	1413.6
2.06	-.159	9.300	7.41	1413.8
2.23	-.202	10.011	7.98	1414.5
2.40	-.429	12.595	10.06	1416.8
2.63	-.983	20.864	16.74	1425.2
2.80	-1.249	24.619	19.77	1429.1
3.03	-1.347	25.688	20.64	1430.1
3.25	-1.383	25.698	20.65	1429.9
3.40	-1.403	26.074	20.95	1430.4
3.65	-1.435	26.803	21.54	1431.2
4.04	-1.456	27.166	21.84	1431.6
4.20	-1.462	27.282	21.93	1431.8
4.46	-1.469	27.326	21.97	1431.8
4.64	-1.475	27.521	22.13	1432.1
4.86	-1.478	27.683	22.26	1432.3
5.04	-1.487	27.674	22.25	1432.2
5.50	-1.497	27.844	22.39	1432.4
6.06	-1.506	27.929	22.46	1432.5
6.59	-1.508	28.061	22.57	1432.7
7.05	-1.514	28.142	22.63	1432.8
7.61	-1.512	28.220	22.69	1432.9
8.11	-1.512	28.251	22.72	1433.0
8.68	-1.513	28.323	22.78	1433.1
9.01	-1.510	28.325	22.78	1433.1
9.53	-1.515	28.347	22.80	1433.1
10.04	-1.515	28.345	22.80	1433.1
11.06	-1.501	28.374	22.82	1433.2
12.01	-1.463	28.477	22.90	1433.6
13.06	-1.434	28.637	23.03	1433.9
14.14	-1.552	29.077	23.39	1434.0
15.01	-1.561	29.250	23.53	1434.2
16.01	-1.577	29.616	23.83	1434.7
17.10	-1.578	29.642	23.85	1434.7
18.04	-1.580	29.678	23.88	1434.8
19.13	-1.585	29.730	23.92	1434.8
20.20	-1.587	29.772	23.95	1434.9
22.08	-1.516	29.879	24.04	1435.4
24.05	-1.554	30.070	24.20	1435.6
26.05	-1.549	30.164	24.27	1435.7
28.04	-1.541	30.278	24.36	1436.0
30.11	-1.500	30.402	24.46	1436.4
35.09	-1.518	30.594	24.62	1436.6
40.20	-1.434	30.691	24.70	1437.3
45.11	-1.427	30.714	24.72	1437.4
50.05	-1.430	30.852	24.83	1437.7
55.14	-1.421	30.956	24.91	1437.9

Station 227 2 105 Heure (Gmt) 19h00

Prof. totale (m) 115 Date 16-05-1982

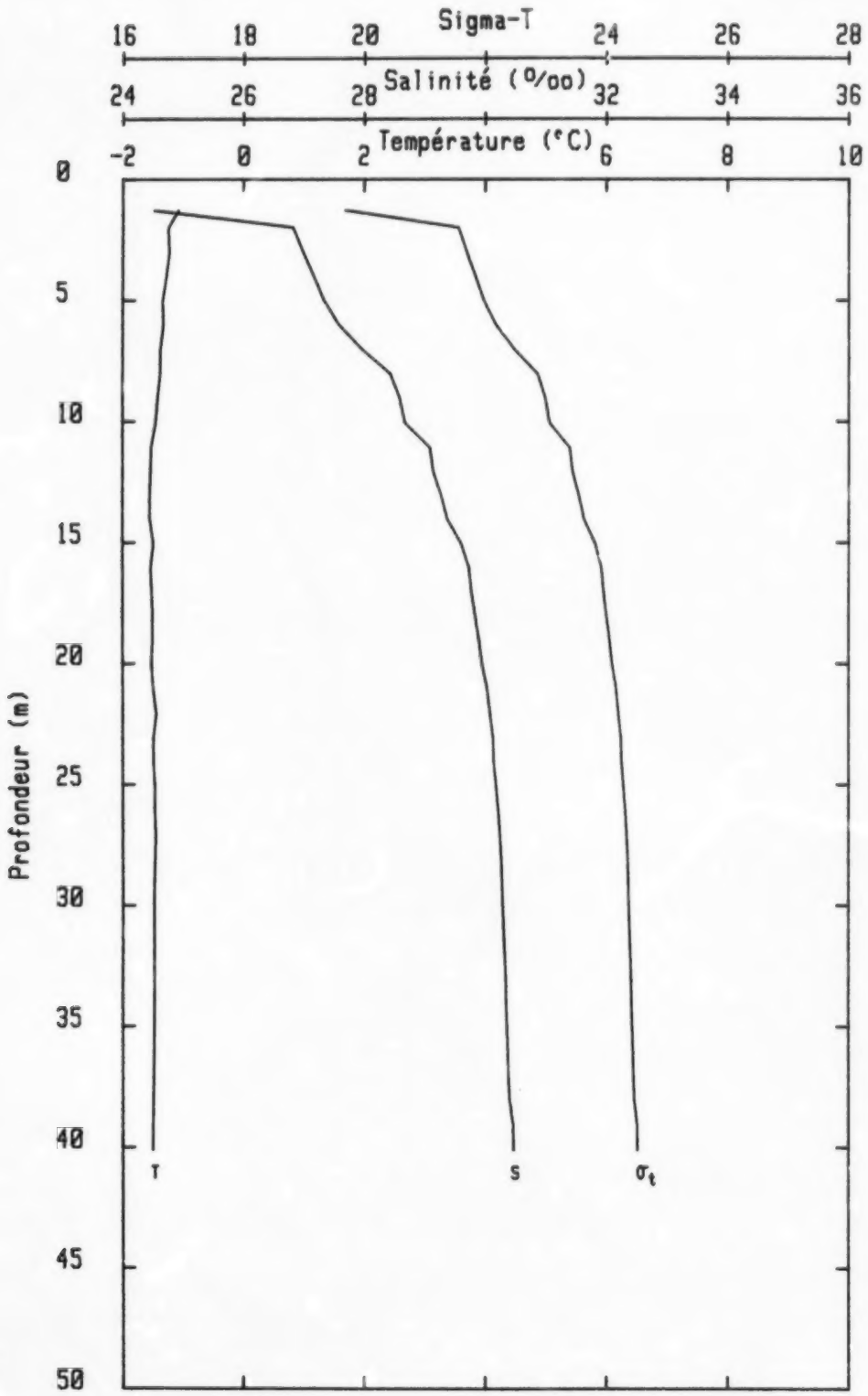


Station	227 2 105	Heure (Gmt)	19h00
Latitude	55°13.3	Date	16-05-1982
Longitude	78°23.4		
Profondeur totale (m)	115.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.34	-.808	27.850	22.38	1435.6
2.09	-.818	28.300	22.75	1436.2
3.01	-.814	28.351	22.79	1436.3
4.08	-.816	28.370	22.80	1436.4
5.05	-.814	28.377	22.81	1436.4
6.04	-.806	28.381	22.81	1436.5
7.01	-.815	28.380	22.81	1436.4
8.05	-.771	28.372	22.81	1436.6
9.08	-.806	28.385	22.82	1436.5
10.06	-.755	28.403	22.83	1436.8
12.26	-.747	28.427	22.85	1436.9
14.15	-.754	28.434	22.85	1436.9
16.08	-.770	28.436	22.86	1436.9
18.15	-.981	28.673	23.05	1436.2
20.08	-1.423	29.367	23.62	1435.1
25.05	-1.512	29.964	24.11	1435.6
30.14	-1.480	30.225	24.32	1436.2
35.11	-1.456	30.524	24.56	1436.8
40.18	-1.446	30.763	24.76	1437.3
45.24	-1.477	30.986	24.94	1437.5
50.10	-1.445	31.166	25.08	1438.0
55.58	-1.359	31.371	25.25	1438.8
60.03	-1.322	31.473	25.33	1439.2
65.30	-1.325	31.628	25.46	1439.5
70.14	-1.322	31.701	25.51	1439.7
75.03	-1.319	31.756	25.56	1439.9
80.14	-1.379	31.795	25.59	1439.7
85.11	-1.449	31.835	25.63	1439.5
90.13	-1.412	31.865	25.65	1439.8
95.01	-1.407	31.874	25.66	1439.9
100.10	-1.407	31.879	25.66	1440.0
105.14	-1.408	31.892	25.67	1440.1
110.13	-1.408	31.892	25.67	1440.2

Station 228 2 106 Heure (Gmt) 19h28

Prof. totale (m) 41 Date 16-05-1982

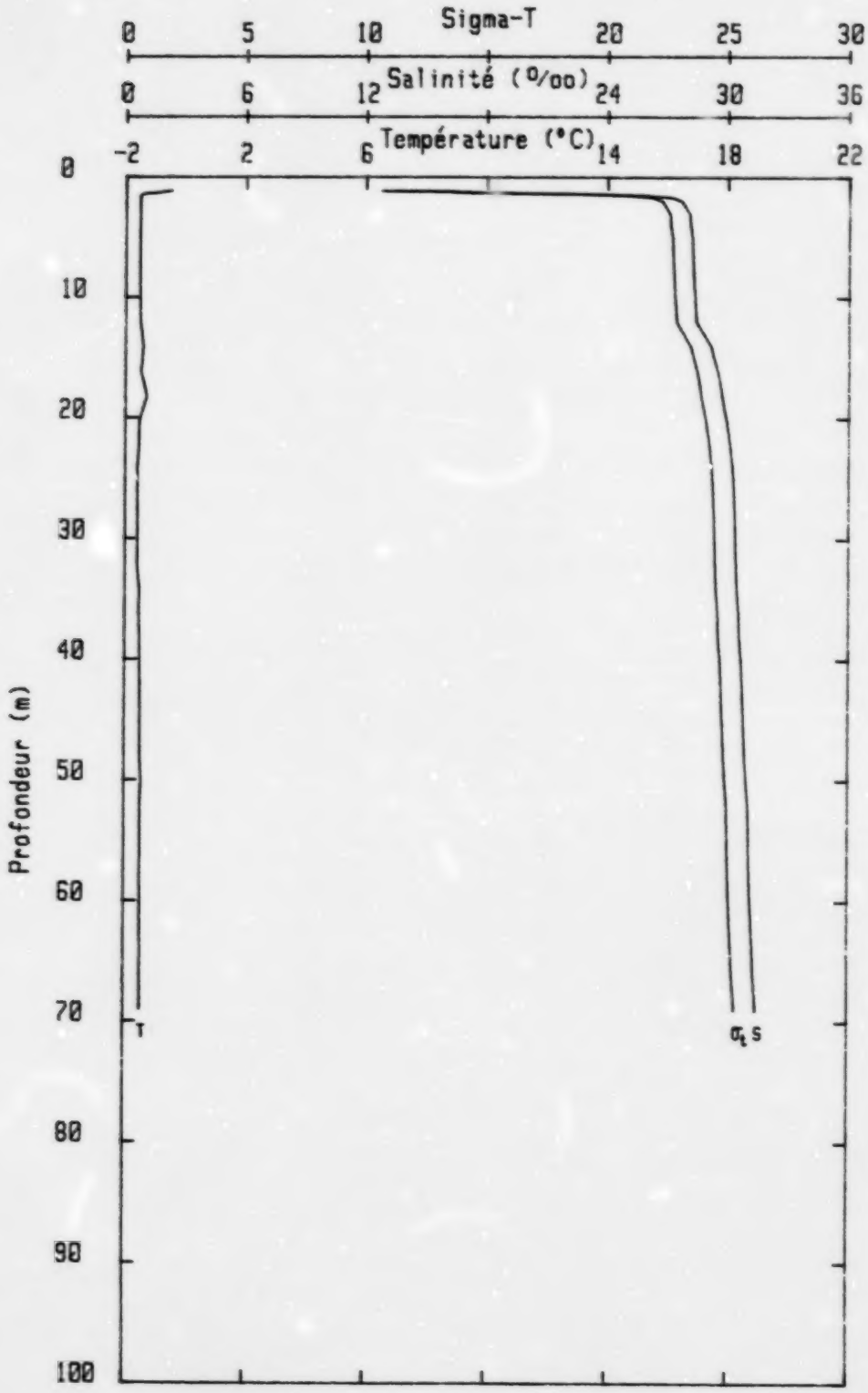


Station	228 2 106	Heure (Gmt)	19h28
Latitude	54°59.9	Date	16-05-1982
Longitude	78°22.0		
Profondeur totale (m)	41.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.29	-1.079	24.525	19.70	1429.9
2.00	-1.244	26.824	21.56	1432.1
3.03	-1.228	26.994	21.70	1432.4
4.01	-1.277	27.167	21.84	1432.3
5.01	-1.337	27.338	21.98	1432.2
6.00	-1.328	27.576	22.17	1432.5
7.04	-1.376	27.964	22.48	1432.7
8.05	-1.381	28.433	22.87	1433.2
9.03	-1.419	28.583	22.99	1433.1
10.06	-1.456	28.669	23.06	1433.0
11.09	-1.531	29.062	23.39	1433.0
12.08	-1.537	29.136	23.44	1433.0
13.03	-1.553	29.260	23.54	1433.0
14.04	-1.551	29.366	23.62	1433.1
15.05	-1.489	29.596	23.81	1433.7
16.03	-1.538	29.723	23.91	1433.5
17.08	-1.519	29.767	23.95	1433.6
18.00	-1.505	29.825	24.00	1433.6
19.01	-1.506	29.887	24.05	1433.6
20.01	-1.523	29.940	24.09	1433.5
21.00	-1.494	30.022	24.16	1433.7
22.09	-1.440	30.075	24.20	1434.1
23.10	-1.492	30.124	24.24	1433.7
24.08	-1.488	30.138	24.25	1433.7
25.13	-1.466	30.180	24.28	1433.8
26.03	-1.471	30.211	24.31	1433.8
27.01	-1.453	30.241	24.33	1433.8
28.04	-1.466	30.266	24.35	1433.7
29.03	-1.474	30.277	24.36	1433.6
30.08	-1.481	30.291	24.37	1433.5
31.00	-1.475	30.304	24.38	1433.5
32.03	-1.476	30.323	24.40	1433.4
33.11	-1.475	30.340	24.41	1433.4
34.01	-1.475	30.346	24.42	1433.3
35.15	-1.480	30.361	24.43	1433.2
36.05	-1.483	30.376	24.44	1433.1
37.06	-1.490	30.385	24.45	1433.0
38.06	-1.492	30.407	24.47	1432.9
39.04	-1.500	30.463	24.51	1432.9
40.11	-1.500	30.472	24.52	1432.8

Station 242 2 107 Heure (Gmt) 12h30

Prof. totale (m) 70 Date 17-05-1982

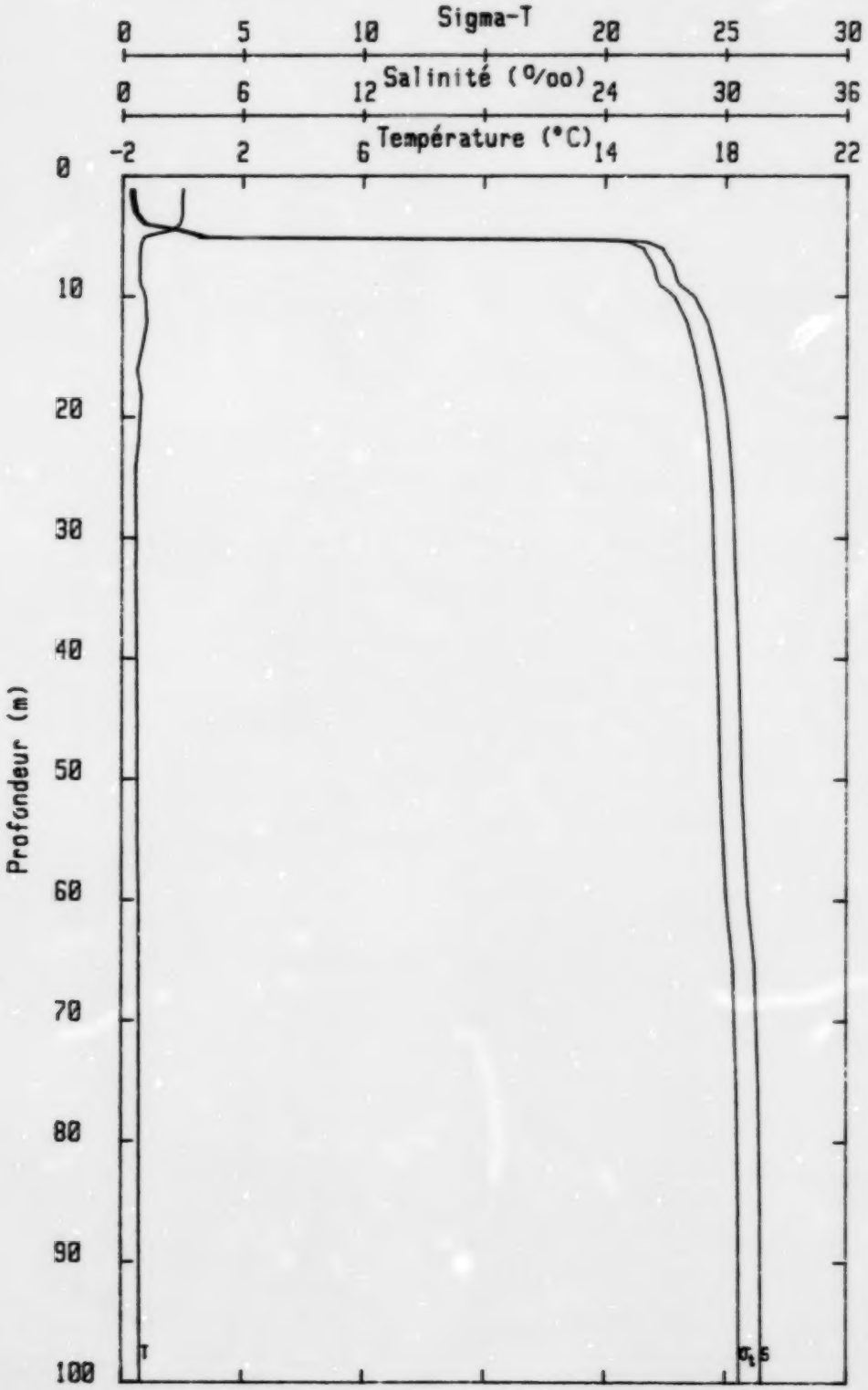


Station	242 2 107	Heure (Gmt)	12h30
Latitude	55°22.3	Date	17-05-1982
Longitude	77°56.2		
Profondeur totale (m)	70.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.16	-.503	13.330	10.65	1417.4
1.20	-.651	16.181	12.95	1420.5
1.30	-.893	18.074	14.48	1421.9
1.40	-1.355	23.417	18.80	1426.9
1.50	-1.503	25.811	20.74	1429.5
1.64	-1.522	26.908	21.63	1430.9
1.73	-1.529	27.273	21.93	1431.4
1.80	-1.529	27.425	22.05	1431.6
1.95	-1.531	27.637	22.22	1431.9
2.01	-1.531	27.696	22.27	1432.0
3.04	-1.529	28.080	22.58	1432.5
4.03	-1.530	28.115	22.61	1432.6
5.06	-1.535	28.213	22.69	1432.7
6.06	-1.536	28.233	22.70	1432.8
7.05	-1.536	28.254	22.72	1432.8
8.00	-1.533	28.281	22.74	1432.9
9.10	-1.529	28.314	22.77	1433.0
10.01	-1.524	28.344	22.79	1433.1
12.01	-1.503	28.426	22.86	1433.3
14.03	-1.410	29.154	23.45	1434.8
16.18	-1.480	29.489	23.72	1435.0
17.11	-1.382	29.610	23.82	1435.6
18.23	-1.281	29.707	23.90	1436.2
20.20	-1.528	29.939	24.09	1435.4
22.14	-1.545	30.107	24.23	1435.6
24.06	-1.594	30.230	24.33	1435.6
26.11	-1.593	30.300	24.38	1435.7
28.15	-1.587	30.351	24.42	1435.9
30.20	-1.593	30.379	24.45	1435.9
32.14	-1.596	30.418	24.48	1436.0
34.09	-1.521	30.468	24.52	1436.4
36.13	-1.529	30.564	24.60	1436.6
38.04	-1.587	30.592	24.62	1436.7
40.04	-1.497	30.682	24.69	1436.9
42.10	-1.478	30.750	24.75	1437.2
44.00	-1.468	30.780	24.77	1437.3
46.03	-1.468	30.838	24.82	1437.4
48.06	-1.467	30.886	24.86	1437.5
50.00	-1.431	30.964	24.92	1437.8
52.01	-1.467	31.050	24.99	1437.8
54.04	-1.461	31.085	25.02	1437.9
56.08	-1.462	31.103	25.03	1438.0
58.13	-1.468	31.141	25.06	1438.0
60.03	-1.458	31.182	25.10	1438.2
62.14	-1.453	31.244	25.15	1438.3
64.10	-1.442	31.305	25.20	1438.5
66.01	-1.454	31.346	25.23	1438.5
68.03	-1.447	31.442	25.31	1438.7
69.01	-1.457	31.473	25.33	1438.7

Station 232 2 108 Heure (Gmt) 13h00

Prof. totale (m) 105 Date 17-05-1982

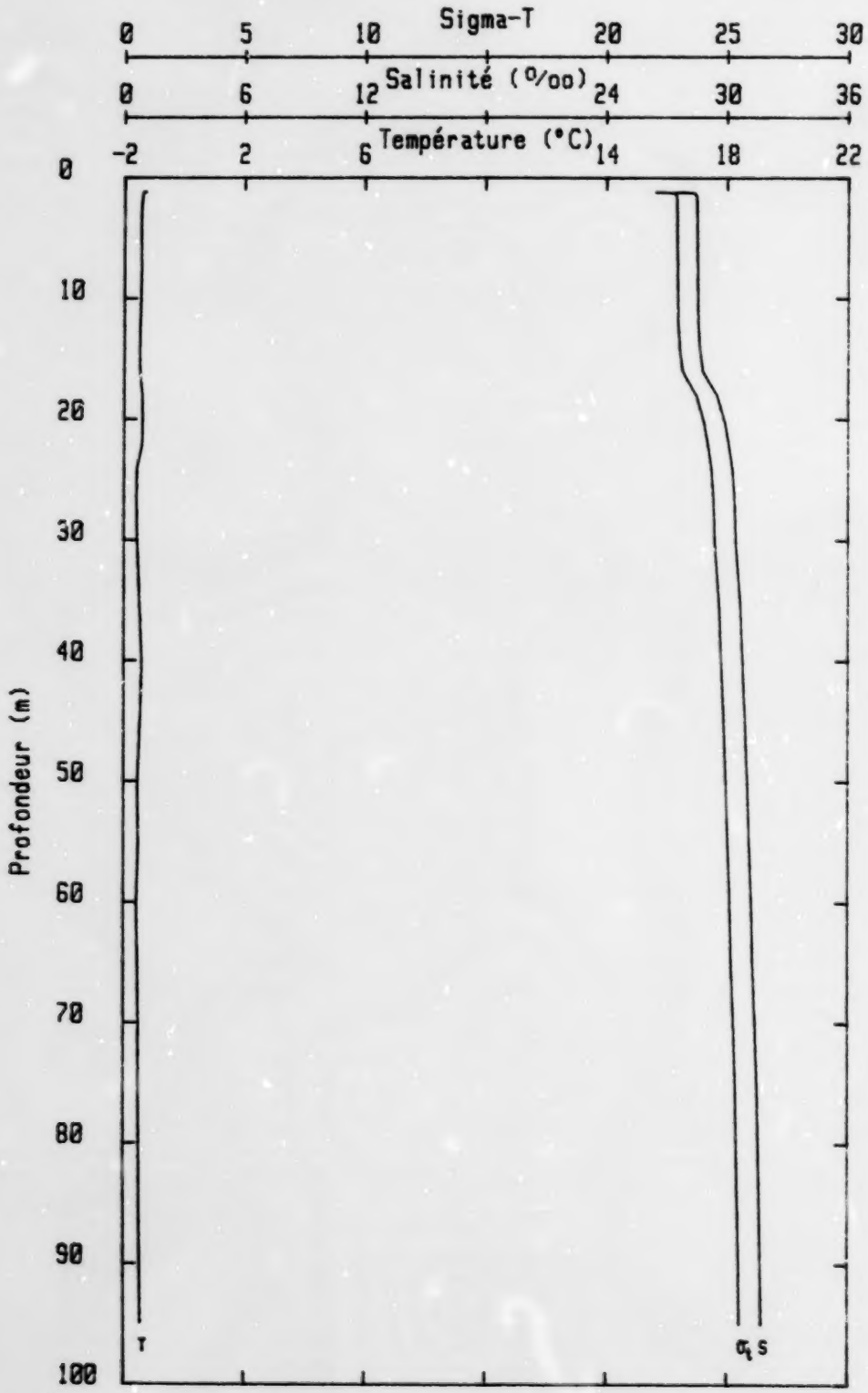


Station	232	2 108	Heure (Gmt) 13h00
Latitude		55°15.5	Date 17-05-1982
Longitude		78° .6	
Profondeur totale (m)		105.0	

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.14	.006	.579	.34	1403.2
1.50	-.006	.567	.33	1403.2
2.03	-.021	.612	.37	1403.2
2.51	-.027	.657	.41	1403.2
3.03	-.003	.749	.48	1403.4
3.55	-.045	.969	.66	1403.5
4.03	-.099	1.260	.89	1403.6
4.50	-.345	2.965	2.27	1404.6
5.03	-1.254	4.191	3.20	1401.7
5.11	-1.283	4.137	3.16	1401.5
5.21	-1.297	14.267	11.39	1414.8
5.30	-1.327	24.061	19.32	1428.0
5.40	-1.347	25.606	20.57	1430.0
5.51	-1.368	26.114	20.99	1430.6
6.03	-1.404	26.852	21.58	1431.5
6.56	-1.418	27.009	21.71	1431.6
7.06	-1.422	27.212	21.88	1431.9
7.54	-1.416	27.364	22.00	1432.2
8.03	-1.422	27.444	22.06	1432.3
8.59	-1.417	27.529	22.13	1432.4
9.09	-1.387	27.703	22.27	1432.8
9.50	-1.293	28.072	22.57	1433.8
10.08	-1.229	28.449	22.88	1434.6
12.06	-1.180	29.062	23.37	1435.7
14.08	-1.324	29.402	23.65	1435.5
16.03	-1.499	29.661	23.86	1435.1
18.18	-1.366	29.917	24.07	1436.1
20.00	-1.409	30.052	24.18	1436.2
22.00	-1.456	30.166	24.27	1436.1
24.04	-1.552	30.261	24.35	1435.8
26.00	-1.551	30.345	24.42	1436.0
28.20	-1.535	30.398	24.46	1436.2
30.18	-1.528	30.432	24.49	1436.3
32.10	-1.539	30.467	24.52	1436.3
34.10	-1.532	30.520	24.56	1436.5
36.11	-1.521	30.568	24.60	1436.6
38.11	-1.511	30.614	24.64	1436.7
40.06	-1.503	30.651	24.67	1436.9
45.00	-1.486	30.748	24.74	1437.2
50.09	-1.479	30.811	24.80	1437.4
55.10	-1.468	30.956	24.91	1437.7
60.14	-1.424	31.125	25.05	1438.2
65.20	-1.423	31.446	25.31	1438.8
70.31	-1.415	31.543	25.39	1439.0
75.13	-1.413	31.643	25.47	1439.3
80.18	-1.404	31.693	25.51	1439.5
85.20	-1.399	31.739	25.55	1439.6
90.23	-1.397	31.750	25.56	1439.7
95.03	-1.395	31.761	25.56	1439.8
100.04	-1.392	31.767	25.57	1439.9

Station 254 1 109 Heure (Gmt) 13h40

Prof. totale (m) 100 Date 17-05-1982

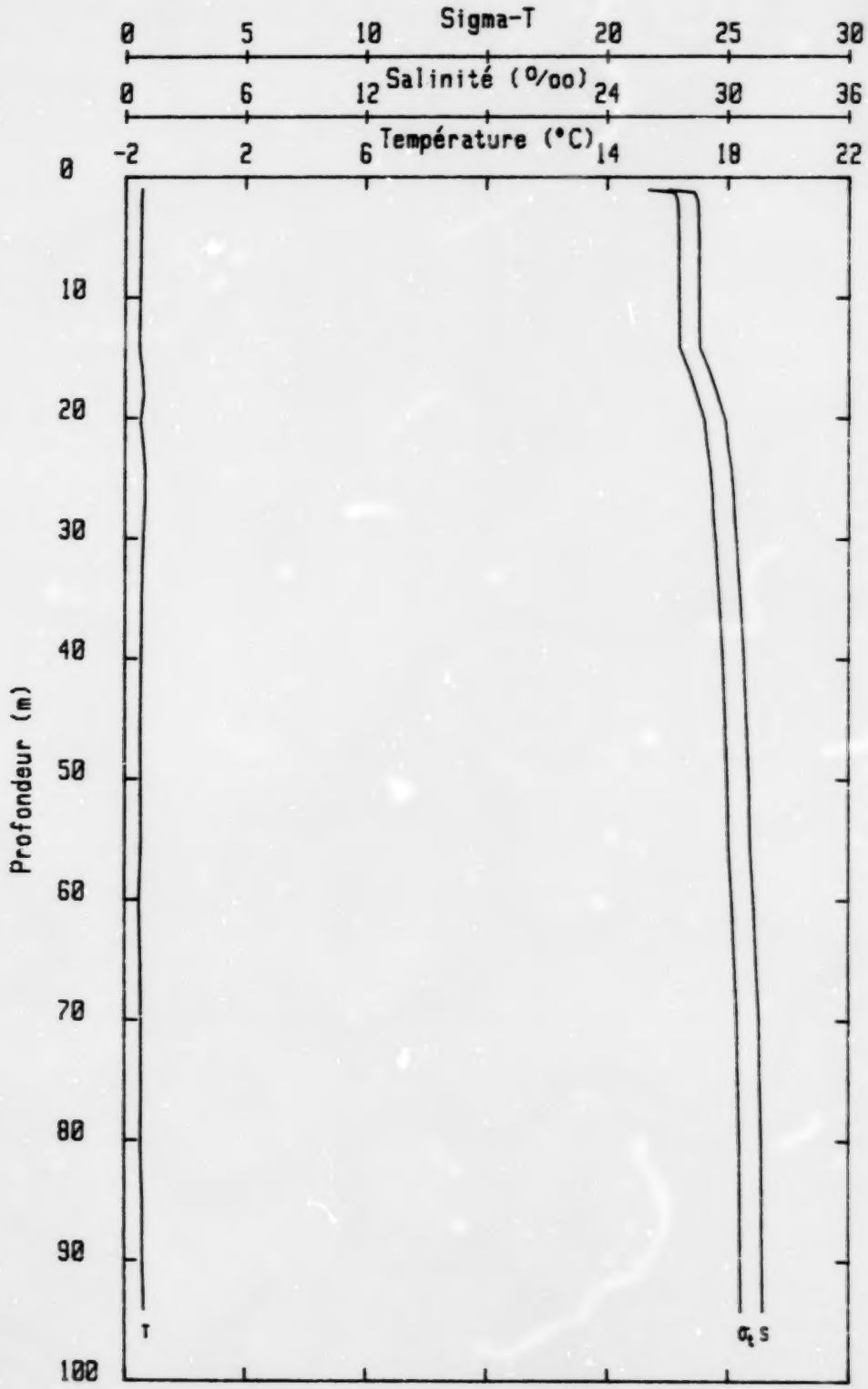


Station	254 1 109	Heure (Gmt)	13h40
Latitude	55°30.8	Date	17-05-1982
Longitude	77°57.5		
Profondeur totale (m)	100.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.19	-1.293	27.411	22.04	1432.7
1.25	-1.390	28.364	22.81	1433.6
1.55	-1.417	28.462	22.89	1433.6
1.81	-1.425	28.465	22.89	1433.6
2.05	-1.430	28.470	22.90	1433.5
3.15	-1.452	28.482	22.91	1433.5
4.18	-1.452	28.484	22.91	1433.5
5.18	-1.448	28.489	22.91	1433.5
6.15	-1.444	28.500	22.92	1433.6
7.05	-1.437	28.505	22.92	1433.6
8.05	-1.438	28.508	22.93	1433.7
9.06	-1.452	28.515	22.93	1433.6
10.14	-1.457	28.521	22.94	1433.6
12.06	-1.476	28.543	22.96	1433.6
14.13	-1.492	28.626	23.02	1433.7
16.03	-1.475	28.769	23.14	1434.0
18.08	-1.396	29.499	23.73	1435.4
20.38	-1.388	29.891	24.05	1436.0
22.18	-1.408	30.075	24.20	1436.2
24.05	-1.574	30.250	24.34	1435.7
26.31	-1.587	30.342	24.42	1435.8
28.00	-1.575	30.392	24.46	1436.0
30.03	-1.559	30.420	24.48	1436.1
35.18	-1.476	30.653	24.67	1436.9
40.15	-1.399	30.779	24.77	1437.5
45.00	-1.461	30.910	24.88	1437.5
50.14	-1.534	31.027	24.97	1437.4
55.18	-1.507	31.121	25.05	1437.8
60.05	-1.566	31.227	25.14	1437.7
65.09	-1.529	31.292	25.19	1438.1
70.10	-1.499	31.416	25.29	1438.5
75.35	-1.496	31.516	25.37	1438.7
80.03	-1.474	31.574	25.42	1439.0
85.19	-1.476	31.636	25.46	1439.1
90.23	-1.454	31.684	25.50	1439.4
95.00	-1.438	31.708	25.52	1439.6

Station 264 1 110 Heure (Gmt) 14h15

Prof. totale (m) 100 Date 17-05-1982

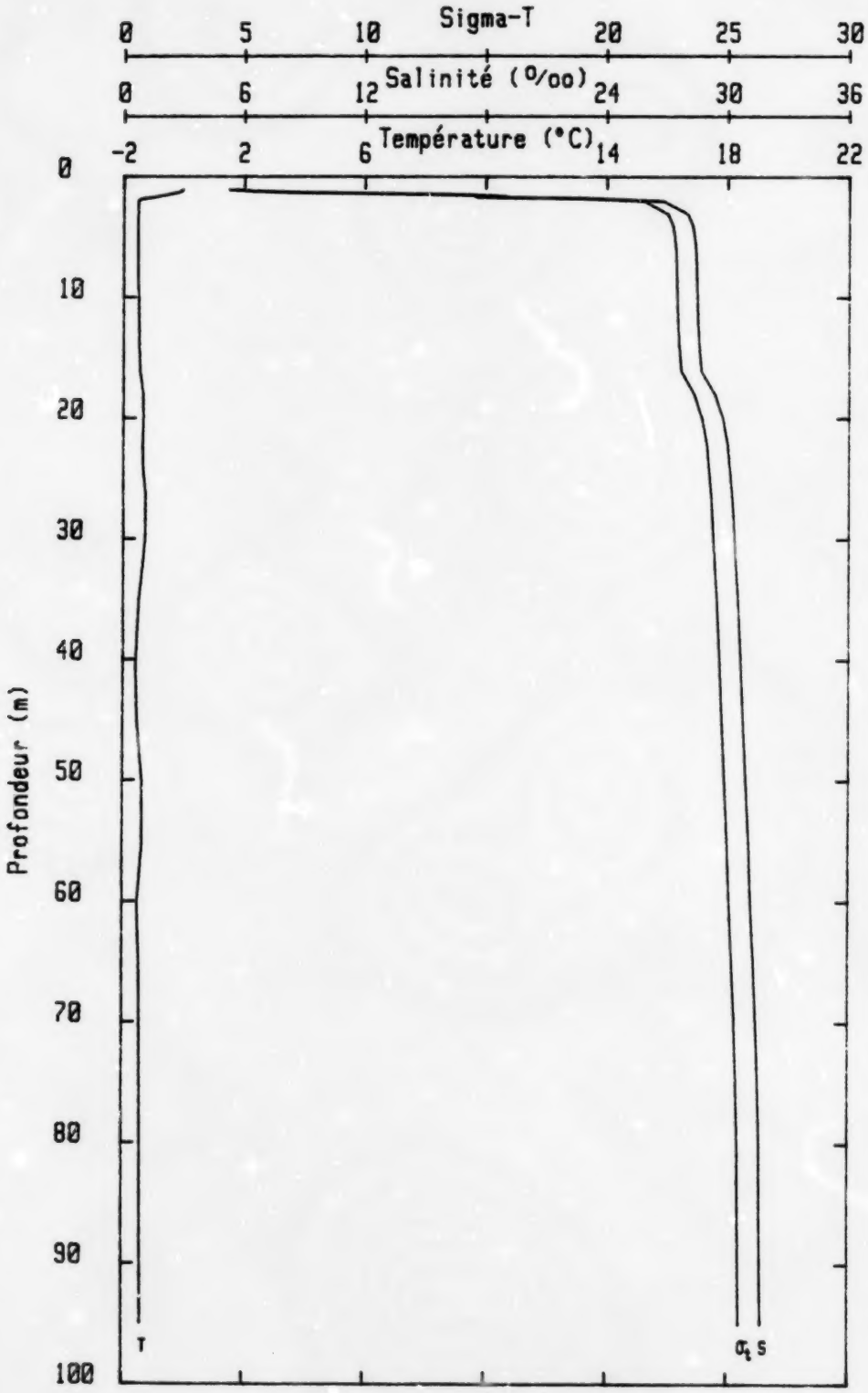


Station	264 1 110	Heure (Gmt)	14h15
Latitude	55°29.3	Date	17-05-1982
Longitude	77°45.0		
Profondeur totale (m)	100.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.05	-1.446	27.046	21.74	1431.5
1.26	-1.457	28.290	22.75	1433.2
1.53	-1.467	28.396	22.84	1433.3
1.80	-1.470	28.458	22.89	1433.3
2.05	-1.474	28.490	22.91	1433.4
3.09	-1.477	28.517	22.93	1433.4
4.09	-1.478	28.523	22.94	1433.4
5.01	-1.481	28.541	22.95	1433.5
6.04	-1.485	28.546	22.96	1433.5
7.01	-1.488	28.547	22.96	1433.5
8.25	-1.497	28.556	22.97	1433.5
9.14	-1.497	28.556	22.97	1433.5
10.21	-1.505	28.567	22.98	1433.5
12.11	-1.517	28.578	22.98	1433.4
14.14	-1.526	28.599	23.00	1433.5
16.25	-1.416	29.122	23.42	1434.8
18.16	-1.383	29.491	23.72	1435.5
20.19	-1.484	29.872	24.03	1435.5
22.38	-1.386	30.015	24.15	1436.2
24.19	-1.332	30.185	24.29	1436.8
26.38	-1.333	30.299	24.38	1437.0
28.03	-1.362	30.327	24.40	1436.9
30.13	-1.400	30.438	24.49	1436.9
35.25	-1.451	30.636	24.65	1437.0
40.01	-1.460	30.813	24.80	1437.3
45.00	-1.484	30.933	24.90	1437.4
50.09	-1.475	31.048	24.99	1437.7
55.10	-1.463	31.108	25.04	1437.9
60.23	-1.526	31.292	25.19	1438.0
65.19	-1.472	31.423	25.29	1438.5
70.04	-1.453	31.559	25.40	1438.9
75.26	-1.444	31.603	25.44	1439.1
80.40	-1.458	31.681	25.50	1439.2
85.13	-1.402	31.700	25.52	1439.6
90.06	-1.402	31.714	25.53	1439.7
94.15	-1.360	31.736	25.54	1440.0

Station 274 1 111 Heure (Gmt) 15h05

Prof. totale (m) 100 Date 17-05-1982

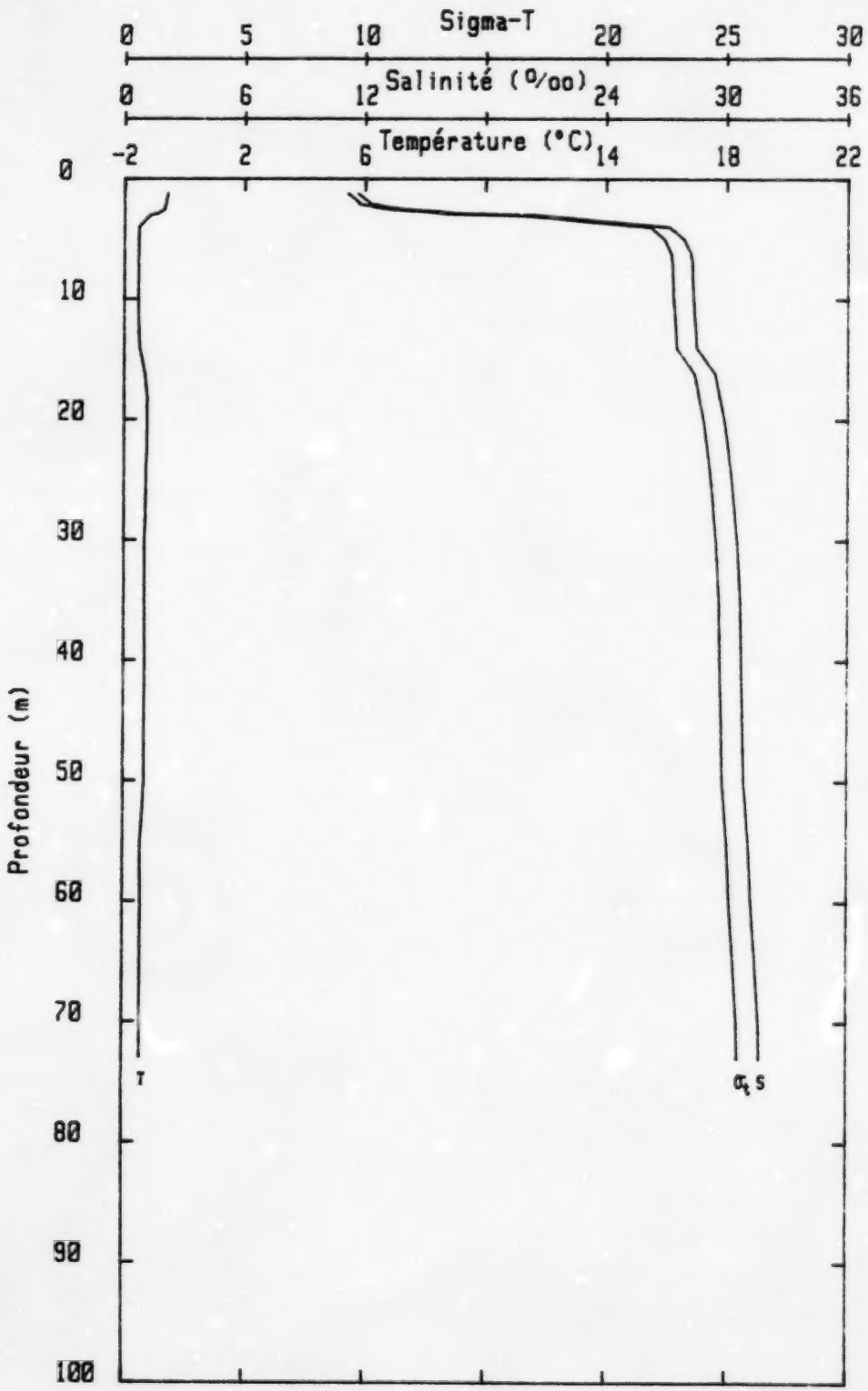


Station	274 1 111	Heure (Gmt)	15h05
Latitude	55°33.6	Date	17-05-1982
Longitude	77°36.5		
Profondeur totale (m)	100.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.10	-.045	5.542	4.37	1409.4
1.16	-.067	6.192	4.90	1410.1
1.20	-.081	6.425	5.09	1410.4
1.33	-.172	8.913	7.10	1413.2
1.44	-.398	14.833	11.87	1419.9
1.51	-.577	17.555	14.07	1422.7
1.63	-.815	18.998	15.23	1423.5
1.70	-.919	18.179	14.56	1421.9
1.80	-1.232	23.522	18.89	1427.7
1.90	-1.447	25.046	20.12	1428.7
2.01	-1.518	26.793	21.54	1430.8
3.08	-1.526	27.995	22.51	1432.4
4.08	-1.527	28.258	22.72	1432.8
5.04	-1.526	28.343	22.79	1433.0
6.09	-1.521	28.407	22.85	1433.1
7.05	-1.519	28.423	22.86	1433.1
8.06	-1.516	28.444	22.88	1433.2
9.05	-1.511	28.459	22.89	1433.3
10.04	-1.490	28.474	22.90	1433.4
12.13	-1.481	28.513	22.93	1433.5
14.01	-1.472	28.580	22.99	1433.7
16.11	-1.443	28.691	23.08	1434.0
18.05	-1.338	29.366	23.62	1435.5
20.01	-1.337	29.759	23.94	1436.1
22.20	-1.356	30.000	24.14	1436.4
24.18	-1.335	30.100	24.22	1436.6
26.13	-1.255	30.214	24.31	1437.2
28.10	-1.263	30.286	24.37	1437.3
30.11	-1.270	30.346	24.41	1437.4
35.09	-1.474	30.530	24.57	1436.8
40.30	-1.579	30.673	24.69	1436.5
45.18	-1.514	30.801	24.79	1437.1
50.25	-1.351	30.939	24.90	1438.2
55.23	-1.342	31.084	25.01	1438.5
60.11	-1.497	31.183	25.10	1438.0
65.03	-1.430	31.339	25.22	1438.6
70.18	-1.417	31.471	25.33	1438.9
75.14	-1.400	31.576	25.41	1439.2
80.14	-1.389	31.640	25.47	1439.5
85.26	-1.385	31.657	25.48	1439.6
90.26	-1.381	31.678	25.50	1439.7
95.03	-1.375	31.716	25.53	1439.9

Station 273 2 112 Heure (Gmt) 15h45

Prof. totale (m) 75 Date 17-05-1982

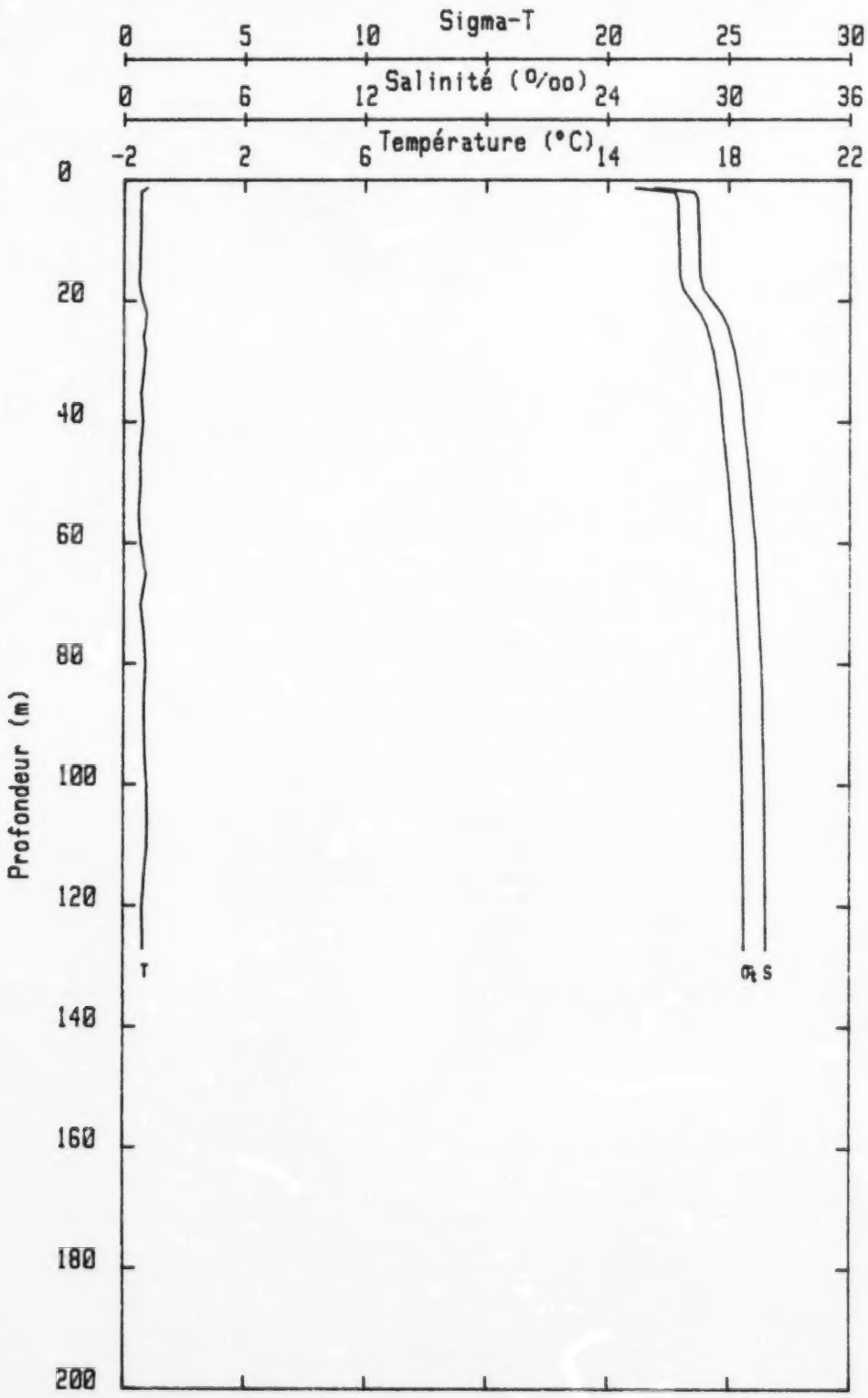


Station	273 2 112	Heure (Gmt)	15h45
Latitude	55°31.7	Date	17-05-1982
Longitude	77°34.4		
Profondeur totale (m)	75.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.24	-.572	11.646	9.29	1414.8
2.01	-.635	12.222	9.75	1415.3
2.10	-.635	12.177	9.72	1415.2
2.24	-.665	12.700	10.14	1415.8
2.34	-.681	13.031	10.41	1416.1
2.41	-.661	13.276	10.61	1416.6
2.54	-.679	13.784	11.02	1417.2
2.65	-.732	14.744	11.79	1418.2
2.73	-.798	15.660	12.53	1419.1
2.81	-.854	16.186	12.95	1419.5
2.90	-.904	16.704	13.37	1420.0
3.03	-1.152	20.483	16.43	1423.9
4.00	-1.517	27.149	21.83	1431.3
5.04	-1.532	27.880	22.42	1432.3
6.23	-1.535	28.204	22.68	1432.7
7.08	-1.534	28.276	22.74	1432.9
8.05	-1.535	28.290	22.75	1432.9
9.11	-1.536	28.310	22.77	1432.9
10.16	-1.533	28.345	22.80	1433.0
12.01	-1.514	28.425	22.86	1433.2
14.03	-1.486	28.494	22.92	1433.5
16.19	-1.304	29.424	23.67	1435.7
18.13	-1.232	29.648	23.85	1436.4
20.05	-1.231	29.881	24.04	1436.8
22.24	-1.235	30.057	24.18	1437.0
24.10	-1.265	30.199	24.29	1437.1
26.10	-1.276	30.317	24.39	1437.3
28.24	-1.285	30.428	24.48	1437.4
30.21	-1.314	30.537	24.57	1437.4
35.19	-1.311	30.700	24.70	1437.8
40.11	-1.293	30.750	24.74	1438.0
45.14	-1.305	30.828	24.81	1438.1
50.06	-1.298	30.891	24.86	1438.3
55.31	-1.423	31.134	25.06	1438.2
60.00	-1.406	31.258	25.16	1438.5
65.05	-1.419	31.467	25.33	1438.8
70.10	-1.417	31.658	25.48	1439.2
73.03	-1.414	31.688	25.51	1439.3

Station 275 1 113 Heure (Gmt) 17h38

Prof. totale (m) 130 Date 17-05-1982

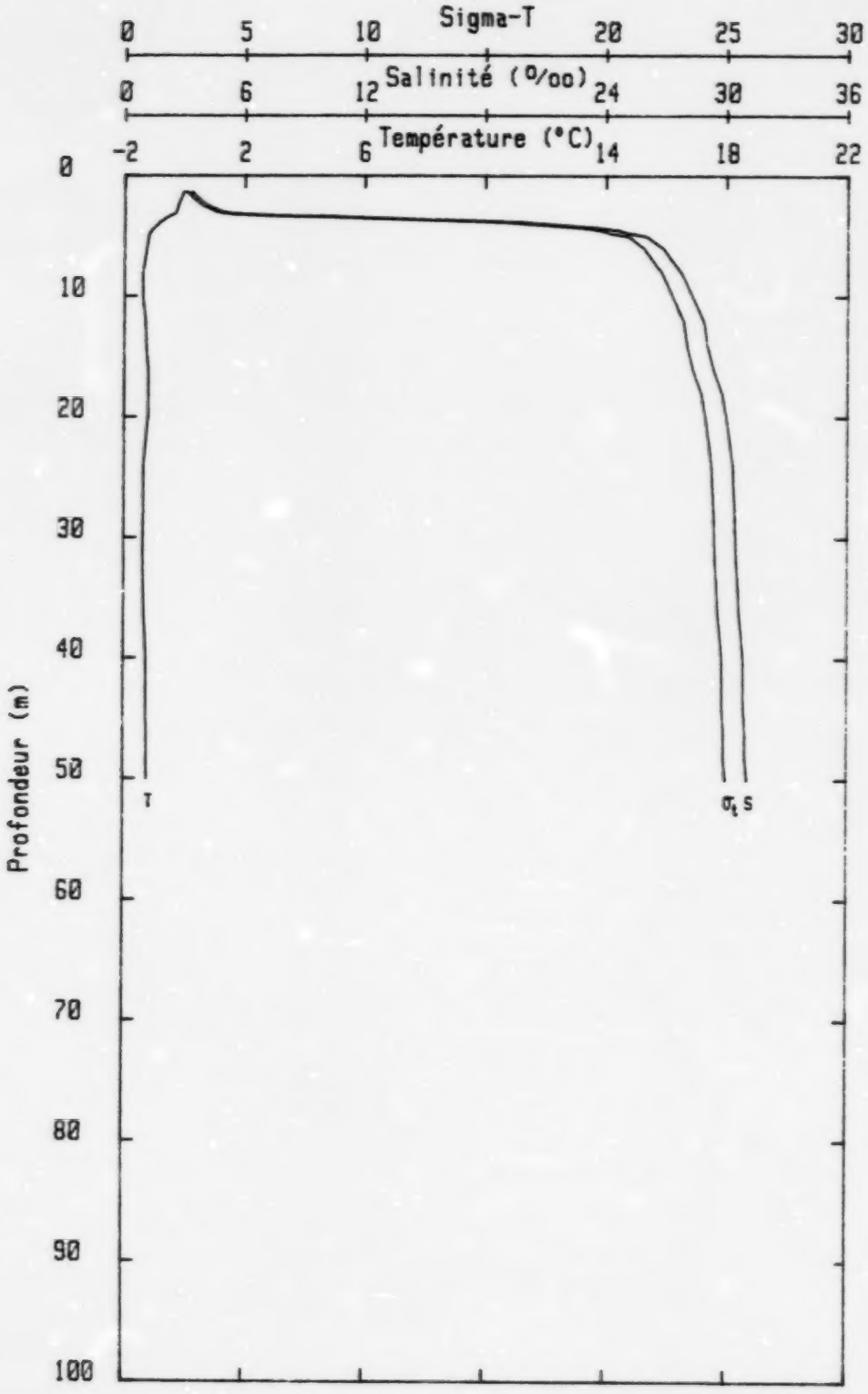


Station	275 1 113	Heure (Gmt)	17h38
Latitude	55°36.6	Date	17-05-1982
Longitude	77°43.4		
Profondeur totale (m)	130.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.34	-1.239	26.323	21.15	1431.5
2.01	-1.430	28.301	22.76	1433.3
3.01	-1.433	28.439	22.87	1433.5
4.04	-1.434	28.474	22.90	1433.6
5.10	-1.435	28.481	22.90	1433.6
6.06	-1.435	28.495	22.92	1433.6
7.08	-1.436	28.504	22.92	1433.6
8.09	-1.437	28.505	22.92	1433.7
9.05	-1.443	28.529	22.94	1433.7
10.09	-1.446	28.537	22.95	1433.7
12.01	-1.459	28.560	22.97	1433.7
14.31	-1.458	28.558	22.97	1433.7
16.00	-1.488	28.595	23.00	1433.7
18.06	-1.457	28.745	23.12	1434.1
20.03	-1.363	29.176	23.47	1435.1
22.03	-1.237	29.630	23.83	1436.4
24.08	-1.271	29.939	24.08	1436.7
26.08	-1.343	30.106	24.22	1436.6
28.16	-1.269	30.274	24.36	1437.3
30.08	-1.301	30.378	24.44	1437.3
35.19	-1.423	30.624	24.64	1437.1
40.00	-1.356	30.741	24.74	1437.7
45.13	-1.457	30.912	24.88	1437.5
50.00	-1.438	31.066	25.00	1437.9
55.10	-1.504	31.193	25.11	1437.9
60.10	-1.428	31.341	25.22	1438.5
65.23	-1.271	31.402	25.27	1439.4
70.13	-1.440	31.480	25.34	1438.8
75.05	-1.332	31.553	25.39	1439.5
80.15	-1.266	31.645	25.47	1440.0
85.08	-1.314	31.692	25.51	1440.0
90.20	-1.312	31.713	25.52	1440.1
95.01	-1.283	31.744	25.55	1440.3
100.00	-1.220	31.788	25.58	1440.8
105.11	-1.206	31.806	25.60	1441.0
110.45	-1.218	31.818	25.61	1441.0
115.05	-1.308	31.828	25.62	1440.7
120.15	-1.374	31.848	25.63	1440.5
125.08	-1.356	31.862	25.65	1440.7
127.20	-1.353	31.863	25.65	1440.7

Station 271 2 114 Heure (Gmt) 18h21

Prof. totale (m) 51 Date 17-05-1982

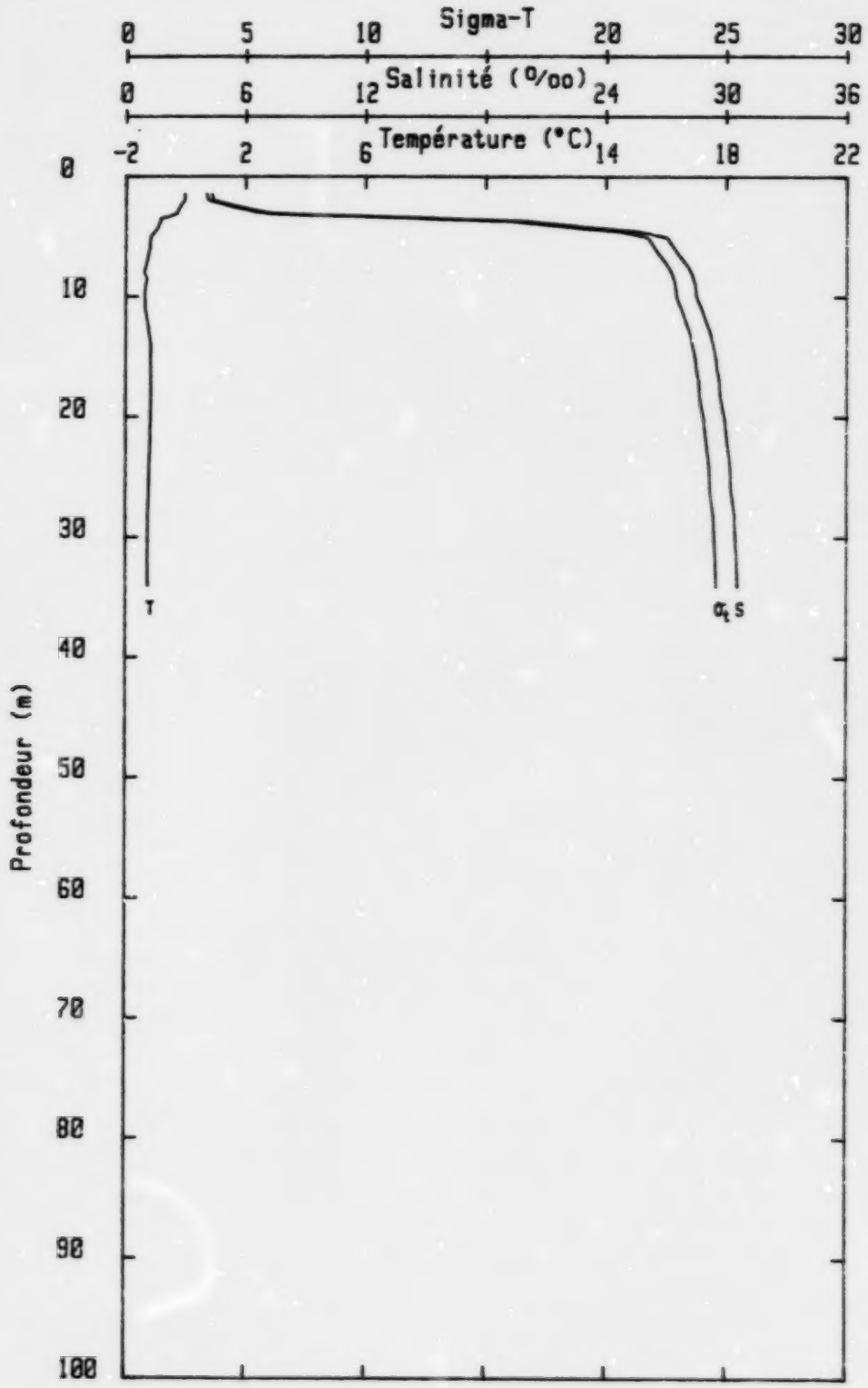


Station	271 2 114	Heure (Gmt)	18h21
Latitude	55°29.4	Date	17-05-1982
Longitude	77°31.6		
Profondeur totale (m)	51.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.38	-.030	3.329	2.58	1406.6
1.50	-.074	3.413	2.65	1406.5
2.05	-.156	3.764	2.93	1406.5
2.50	-.236	4.131	3.22	1406.6
3.03	-.295	4.894	3.84	1407.3
3.10	-.314	5.124	4.02	1407.6
3.23	-.375	5.987	4.72	1408.4
3.33	-.460	7.634	6.05	1410.1
3.41	-.550	10.533	8.39	1413.5
3.53	-.619	12.728	10.16	1416.1
3.60	-.660	14.185	11.34	1417.8
3.73	-.730	17.190	13.77	1421.5
3.85	-.817	19.771	15.85	1424.6
3.93	-.854	20.378	16.34	1425.2
4.01	-.874	21.040	16.88	1426.0
4.29	-.989	23.556	18.91	1428.9
4.51	-1.093	24.615	19.77	1429.9
4.76	-1.159	25.111	20.17	1430.2
5.01	-1.208	26.023	20.91	1431.3
6.03	-1.265	26.846	21.58	1432.1
7.04	-1.325	27.289	21.94	1432.5
8.00	-1.400	27.737	22.30	1432.8
9.03	-1.392	28.031	22.54	1433.2
10.08	-1.383	28.315	22.77	1433.7
12.06	-1.289	28.869	23.22	1434.9
14.06	-1.258	29.038	23.35	1435.4
16.04	-1.202	29.338	23.60	1436.1
18.01	-1.191	29.769	23.94	1436.8
20.03	-1.204	29.983	24.12	1437.0
22.03	-1.282	30.153	24.26	1436.9
24.03	-1.356	30.304	24.38	1436.8
26.11	-1.355	30.360	24.43	1436.9
28.14	-1.362	30.416	24.47	1437.0
30.11	-1.365	30.446	24.50	1437.1
32.05	-1.362	30.497	24.54	1437.2
34.13	-1.348	30.569	24.60	1437.4
36.11	-1.328	30.625	24.64	1437.6
38.05	-1.278	30.744	24.74	1438.0
40.05	-1.246	30.843	24.82	1438.4
42.16	-1.241	30.859	24.83	1438.4
44.09	-1.238	30.868	24.84	1438.5
46.14	-1.219	30.946	24.90	1438.7
48.03	-1.220	30.951	24.90	1438.8
50.05	-1.210	31.051	24.98	1439.0

Station 282 2 115 Heure (Gmt) 18h56

Prof. totale (m) 50 Date 17-05-1982

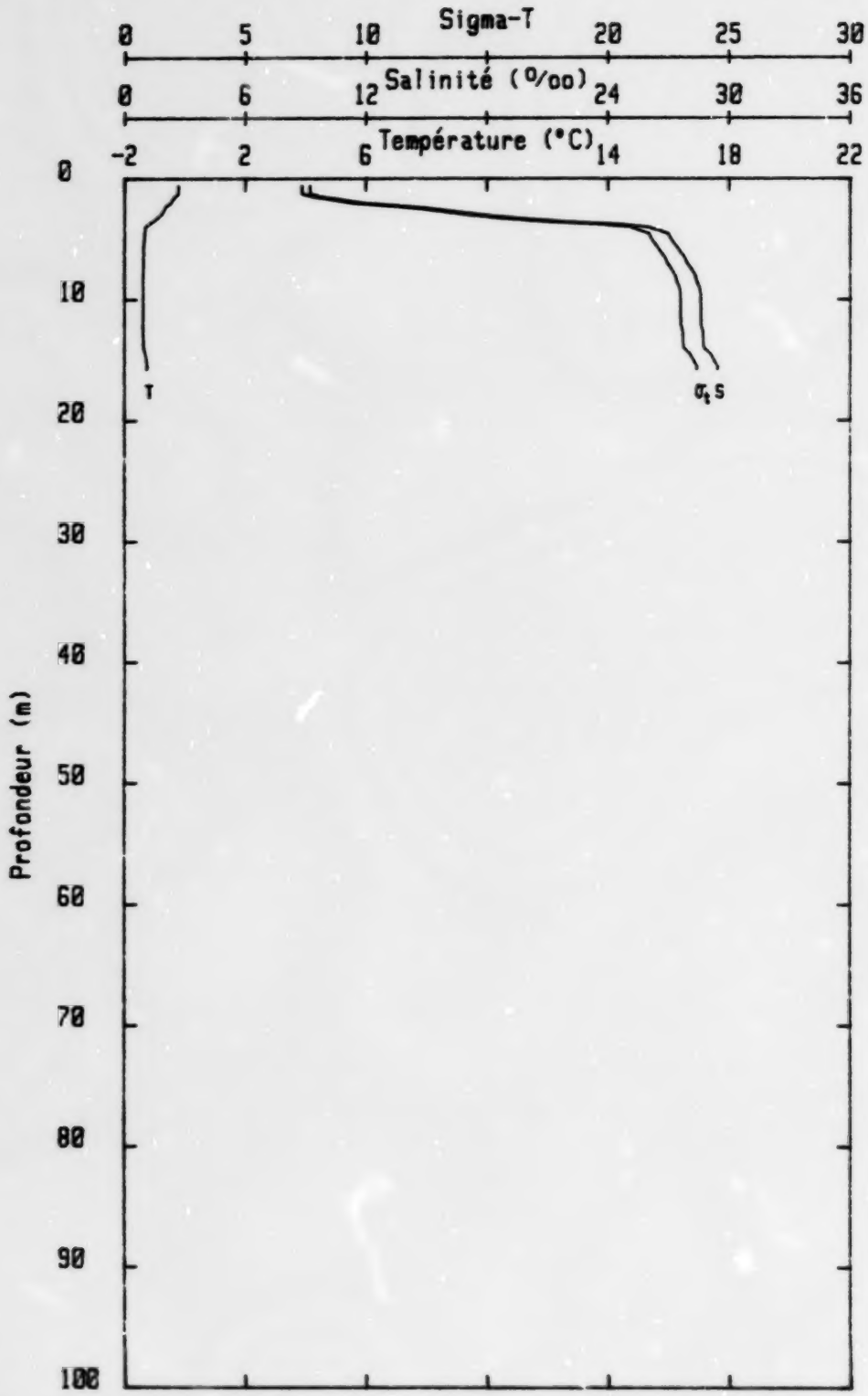


Station	282 2 115	Heure (Gmt)	18h56
Latitude	55°33.9	Date	17-05-1982
Longitude	77°24.1		
Profondeur totale (m)	50.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.51	-.042	4.306	3.37	1407.8
2.00	-.045	4.389	3.44	1407.9
2.54	-.195	5.643	4.45	1408.8
3.01	-.293	6.989	5.53	1410.1
3.10	-.309	7.485	5.94	1410.7
3.23	-.421	9.604	7.65	1412.9
3.41	-.666	14.095	11.27	1417.7
3.45	-.768	15.144	12.11	1418.6
3.51	-.838	15.581	12.47	1418.8
3.70	-.849	19.771	15.85	1424.4
3.75	-.851	20.312	16.29	1425.1
3.83	-.855	20.628	16.55	1425.5
3.91	-.879	21.237	17.04	1426.3
4.01	-.900	21.761	17.46	1426.9
4.29	-.934	23.562	18.92	1429.2
4.55	-1.014	25.546	20.52	1431.5
5.06	-1.178	27.033	21.73	1432.8
5.55	-1.198	27.238	21.89	1433.0
6.01	-1.207	27.414	22.04	1433.2
6.56	-1.253	27.650	22.23	1433.3
7.01	-1.283	27.875	22.41	1433.5
7.58	-1.342	28.124	22.61	1433.6
8.00	-1.392	28.252	22.72	1433.5
8.51	-1.293	28.370	22.81	1434.2
9.03	-1.343	28.444	22.87	1434.0
9.50	-1.358	28.474	22.90	1434.0
10.00	-1.359	28.507	22.92	1434.1
11.01	-1.352	28.770	23.14	1434.5
12.03	-1.270	28.979	23.31	1435.2
13.08	-1.215	29.209	23.49	1435.8
14.03	-1.161	29.331	23.59	1436.2
15.03	-1.162	29.467	23.70	1436.4
16.03	-1.153	29.535	23.75	1436.6
17.00	-1.151	29.657	23.85	1436.8
18.10	-1.154	29.688	23.88	1436.8
19.05	-1.160	29.776	23.95	1436.9
20.10	-1.169	29.905	24.05	1437.1
22.23	-1.187	30.047	24.17	1437.2
24.00	-1.211	30.193	24.29	1437.3
26.10	-1.219	30.247	24.33	1437.4
28.08	-1.253	30.409	24.47	1437.5
30.05	-1.254	30.458	24.50	1437.6
32.00	-1.261	30.531	24.56	1437.7
34.08	-1.244	30.577	24.60	1437.9

Station 284 2 116 Heure (Gmt) 19h19

Prof. totale (m) 20 Date 17-05-1982

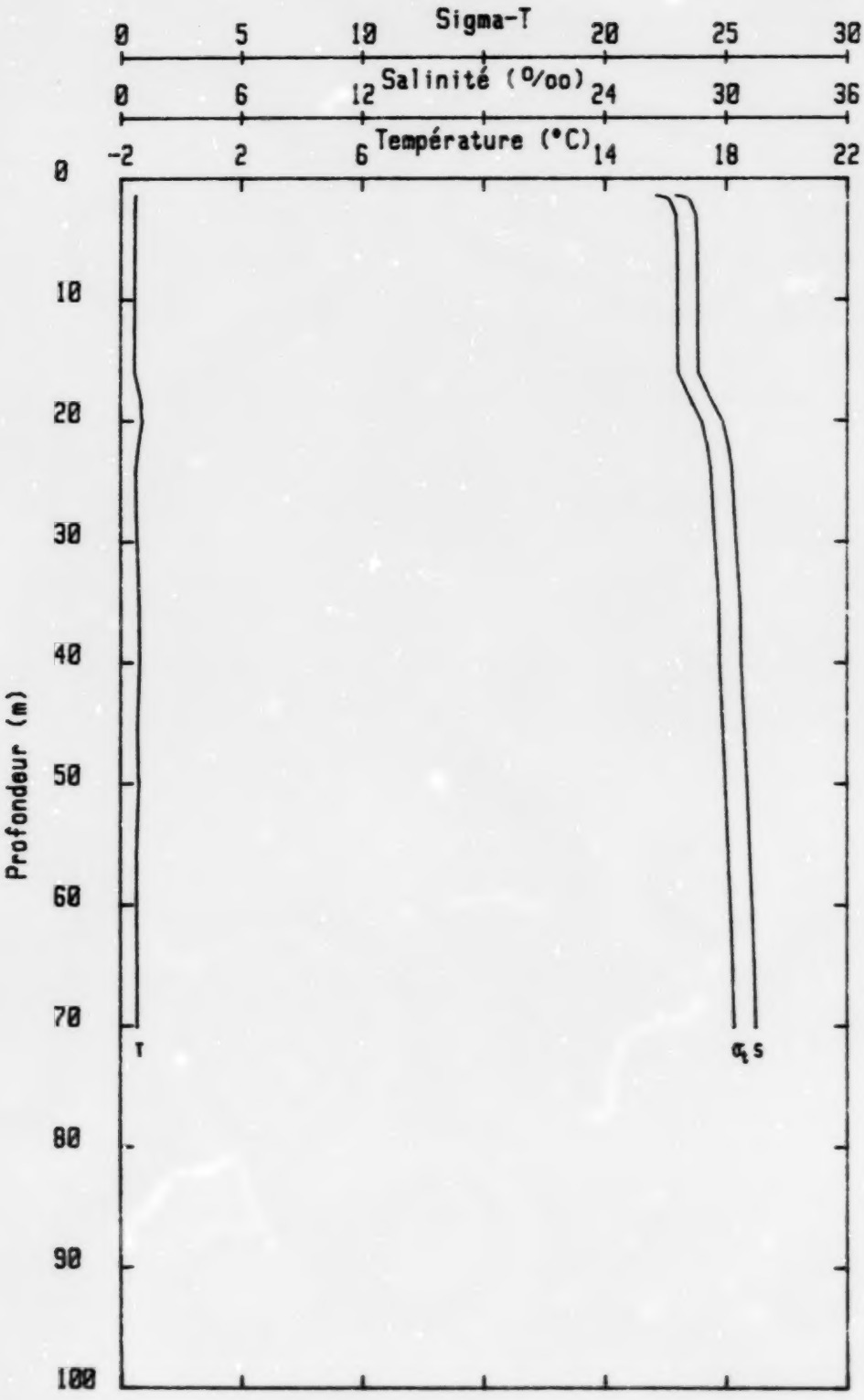


Station	284 2 116	Heure (Gmt)	19h19
Latitude	55°36.0	Date	17-05-1982
Longitude	77°27.0		
Profondeur totale (m)	20.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
.63	-.220	9.218	7.34	1413.3
1.26	-.219	9.220	7.34	1413.3
1.53	-.347	9.846	7.84	1413.5
2.04	-.487	11.888	9.49	1415.6
2.30	-.631	14.076	11.25	1417.8
2.51	-.682	15.418	12.34	1419.3
2.86	-.753	17.034	13.64	1421.2
3.04	-.813	18.002	14.42	1422.2
3.30	-.931	19.559	15.68	1423.7
3.58	-1.074	21.843	17.53	1426.1
3.80	-1.212	24.717	19.85	1429.4
4.03	-1.316	26.020	20.91	1430.7
4.55	-1.337	26.986	21.69	1432.0
5.08	-1.352	27.148	21.82	1432.1
5.59	-1.368	27.380	22.01	1432.4
6.14	-1.370	27.615	22.20	1432.7
6.55	-1.374	27.805	22.36	1433.0
7.06	-1.377	27.946	22.47	1433.2
7.54	-1.380	28.153	22.64	1433.4
8.01	-1.387	28.325	22.78	1433.7
8.53	-1.392	28.398	22.84	1433.7
9.04	-1.387	28.548	22.96	1434.0
9.53	-1.386	28.590	22.99	1434.0
10.59	-1.386	28.609	23.01	1434.1
11.04	-1.386	28.603	23.00	1434.1
11.66	-1.388	28.612	23.01	1434.1
12.16	-1.391	28.621	23.02	1434.1
12.68	-1.379	28.708	23.09	1434.3
13.08	-1.377	28.722	23.10	1434.3
13.58	-1.371	28.731	23.11	1434.4
14.01	-1.366	28.758	23.13	1434.4
14.50	-1.307	29.082	23.39	1435.2
15.58	-1.244	29.445	23.68	1436.0
15.76	-1.254	29.424	23.67	1435.9

Station 286 2 117 Heure (Gmt) 19h44

Prof. totale (m) 75 Date 17-05-1982

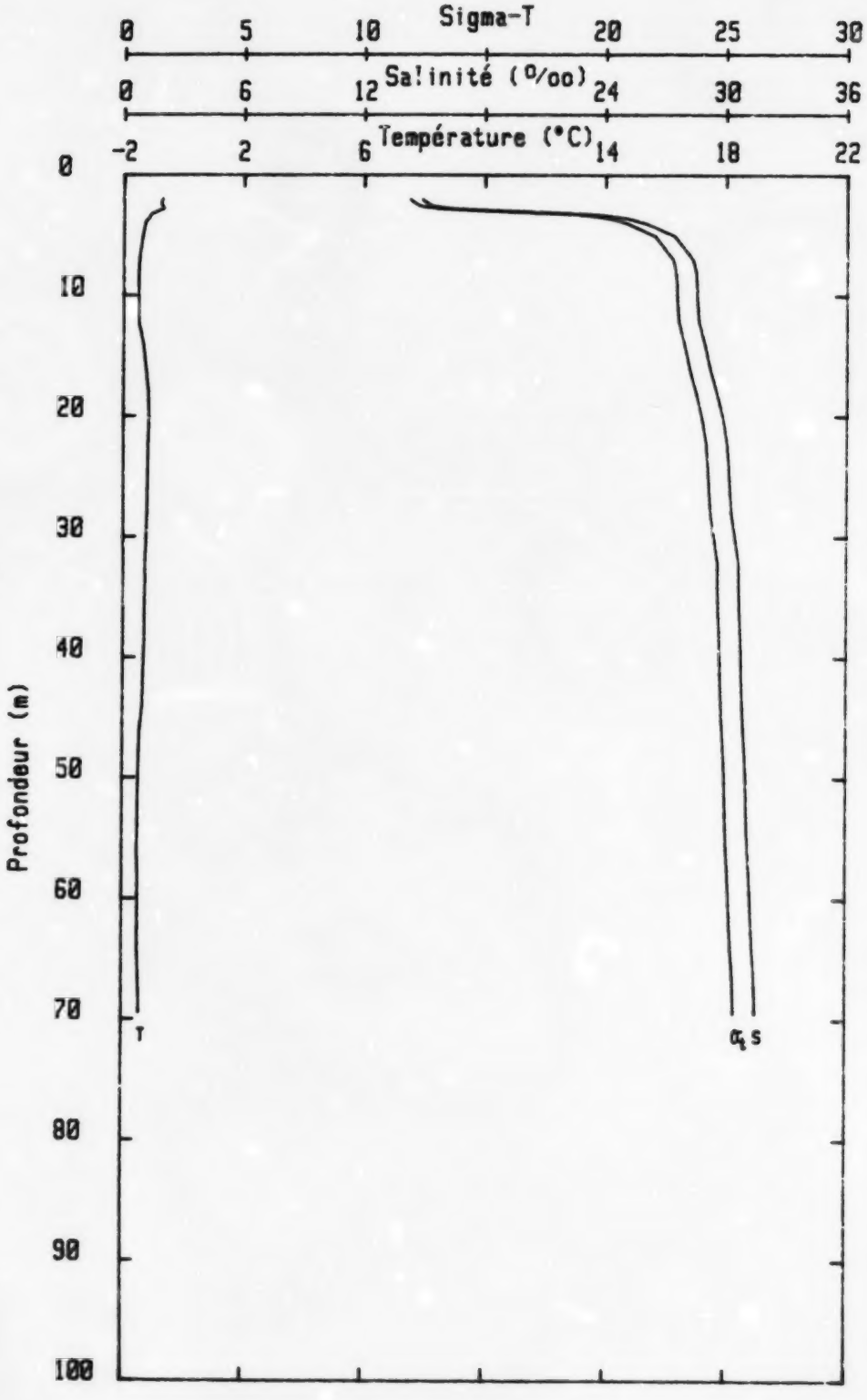


Station	286 2 117	Heure (Gmt)	19h44
Latitude	55°39.3	Date	17-05-1982
Longitude	77°30.0		
Profondeur totale (m)	75.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.43	-1.507	27.521	22.13	1431.8
1.55	-1.518	27.902	22.44	1432.3
1.61	-1.517	28.023	22.53	1432.5
1.70	-1.518	28.117	22.61	1432.6
1.85	-1.522	28.202	22.68	1432.7
1.90	-1.523	28.219	22.69	1432.8
2.03	-1.524	28.261	22.73	1432.8
3.06	-1.530	28.510	22.93	1433.1
4.01	-1.531	28.521	22.94	1433.2
5.05	-1.531	28.567	22.98	1433.3
7.01	-1.532	28.578	22.98	1433.3
8.21	-1.531	28.583	22.99	1433.3
9.15	-1.533	28.585	22.99	1433.3
10.14	-1.535	28.588	22.99	1433.3
12.08	-1.537	28.592	23.00	1433.4
14.20	-1.540	28.604	23.01	1433.4
16.06	-1.530	28.629	23.03	1433.5
18.25	-1.323	29.254	23.53	1435.4
20.11	-1.285	29.834	24.00	1436.4
22.11	-1.408	30.126	24.24	1436.3
24.01	-1.496	30.290	24.37	1436.1
26.03	-1.483	30.362	24.43	1436.3
28.03	-1.478	30.434	24.49	1436.5
35.21	-1.391	30.715	24.72	1437.4
40.01	-1.368	30.758	24.75	1437.7
45.16	-1.438	30.914	24.88	1437.6
50.15	-1.391	31.057	24.99	1438.1
55.01	-1.455	31.174	25.09	1438.1
60.14	-1.461	31.307	25.20	1438.3
65.13	-1.439	31.418	25.29	1438.7
70.18	-1.445	31.485	25.34	1438.8

Station 208 2 118 Heure (Gmt) 20h21

Prof. totale (m) 75 Date 17-05-1982

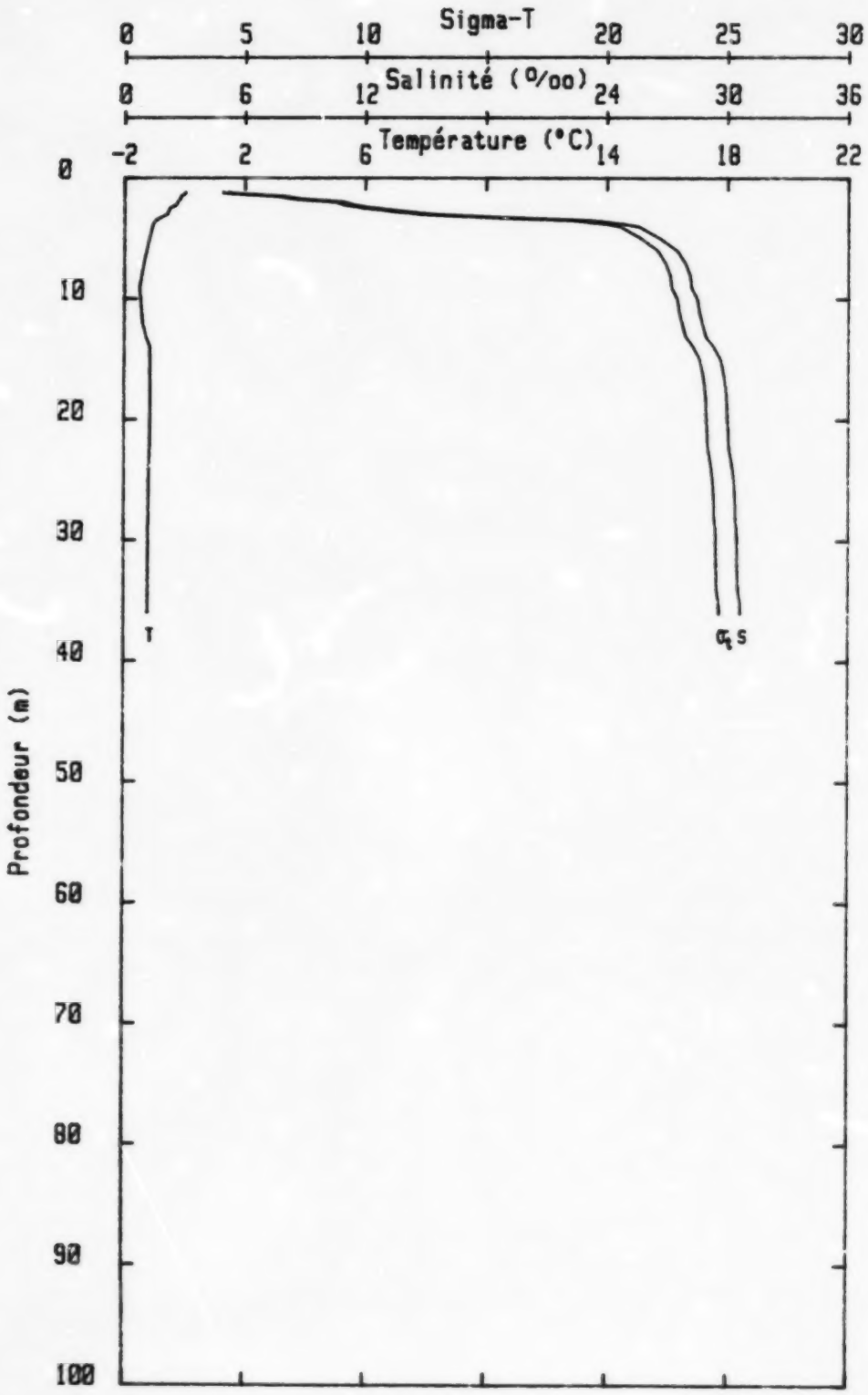


Station	208 2 118	Heure (Gmt)	20h21
Latitude	55°43.1	Date	17-05-1982
Longitude	77°19.6		
Profondeur totale (m)	75.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
2.01	-.720	14.889	11.91	1418.4
2.23	-.750	15.016	12.01	1418.5
2.50	-.760	15.296	12.24	1418.8
2.61	-.707	15.480	12.39	1419.3
2.80	-.677	16.406	13.14	1420.7
3.25	-1.089	23.304	18.71	1428.1
3.43	-1.129	24.401	19.60	1429.4
3.60	-1.172	25.106	20.17	1430.1
3.80	-1.247	25.556	20.53	1430.4
4.01	-1.293	26.020	20.91	1430.8
5.04	-1.375	27.418	22.04	1432.4
7.00	-1.484	28.345	22.79	1433.2
8.00	-1.506	28.482	22.91	1433.3
9.05	-1.505	28.528	22.94	1433.4
10.01	-1.497	28.546	22.96	1433.5
12.13	-1.494	28.637	23.03	1433.6
14.03	-1.336	28.942	23.28	1434.8
16.05	-1.243	29.204	23.49	1435.7
18.06	-1.165	29.546	23.76	1436.6
20.10	-1.147	29.847	24.01	1437.1
22.33	-1.177	30.068	24.19	1437.3
24.48	-1.186	30.159	24.26	1437.4
26.14	-1.198	30.213	24.30	1437.5
28.14	-1.210	30.301	24.38	1437.6
32.05	-1.273	30.656	24.67	1437.8
34.18	-1.274	30.666	24.67	1437.9
36.03	-1.289	30.700	24.70	1437.9
38.10	-1.293	30.749	24.74	1438.0
40.01	-1.313	30.783	24.77	1438.0
42.05	-1.331	30.818	24.80	1438.0
44.15	-1.351	30.862	24.83	1437.9
46.16	-1.434	30.918	24.88	1437.7
48.23	-1.458	30.987	24.94	1437.7
50.09	-1.471	31.040	24.98	1437.7
52.10	-1.479	31.068	25.00	1437.8
54.00	-1.482	31.104	25.03	1437.8
56.13	-1.494	31.156	25.08	1437.9
58.03	-1.472	31.219	25.13	1438.1
64.10	-1.472	31.394	25.27	1438.4
66.10	-1.451	31.482	25.34	1438.7
68.08	-1.422	31.528	25.38	1438.9
69.49	-1.419	31.540	25.39	1439.0

Station 206 2 119 Heure (Gmt) 20h46

Prof. totale (m) 36 Date 17-05-1982



Station	206 2 119	Heure (Gmt)	20h46
Latitude	55°39.9	Date	17-05-1982
Longitude	77°13.9		
Profondeur totale (m)	36.0		

PROF	TEMP	SALINITE	SIGMA-T	VEL SON
1.19	.024	5.202	4.10	1409.3
1.26	.025	5.198	4.10	1409.3
1.53	-.123	7.872	6.26	1412.0
1.76	-.160	8.859	7.05	1413.2
2.00	-.250	10.957	8.74	1415.5
2.26	-.297	11.450	9.14	1415.9
2.50	-.497	12.460	9.95	1416.3
2.78	-.547	13.927	11.14	1418.0
3.01	-.585	15.408	12.33	1419.8
3.28	-.785	19.030	15.25	1423.7
3.50	-.955	23.139	18.57	1428.5
3.80	-1.049	24.841	19.95	1430.4
4.03	-1.072	25.588	20.56	1431.3
5.00	-1.171	26.643	21.41	1432.3
6.03	-1.262	27.495	22.10	1433.1
7.05	-1.356	27.897	22.43	1433.2
8.03	-1.419	28.123	22.61	1433.2
9.01	-1.492	28.193	22.67	1433.0
10.05	-1.462	28.498	22.92	1433.6
11.03	-1.421	28.579	22.98	1433.9
12.00	-1.393	28.732	23.11	1434.3
13.08	-1.288	28.909	23.25	1435.0
14.00	-1.146	29.327	23.59	1436.3
15.00	-1.136	29.645	23.84	1436.8
16.00	-1.140	29.774	23.95	1437.0
17.13	-1.129	29.893	24.04	1437.2
18.09	-1.131	29.949	24.09	1437.3
19.16	-1.129	29.973	24.11	1437.3
20.18	-1.137	30.000	24.13	1437.4
21.06	-1.138	30.035	24.16	1437.4
22.08	-1.142	30.056	24.18	1437.5
23.09	-1.152	30.153	24.26	1437.6
24.05	-1.163	30.247	24.33	1437.7
25.05	-1.173	30.312	24.38	1437.7
26.08	-1.175	30.356	24.42	1437.8
27.11	-1.182	30.382	24.44	1437.8
28.10	-1.180	30.395	24.45	1437.8
29.06	-1.194	30.458	24.50	1437.9
30.11	-1.187	30.481	24.52	1438.0
31.08	-1.190	30.484	24.52	1438.0
32.03	-1.192	30.498	24.54	1438.0
33.25	-1.194	30.519	24.55	1438.0
34.06	-1.197	30.540	24.57	1438.1
35.14	-1.196	30.638	24.65	1438.2
36.05	-1.195	30.651	24.66	1438.3